



Founded in 1947

QCWA Journal

VOLUME LII

Fall - 2003

NUMBER 3



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Cover: *Calm after the Storm.* Looking at SW Guam from the QCWA Repeater location that was decimated by a super typhoon with winds up to 200 kph. The full story and pictures on page 6.

QCWA CONVENTION 2003

October 17-19

YOUR HOST: DALLAS CHAPTER NO. 41

TALK IN: 146.61 MHZ (-)

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THOSE WHO HAVE

SERVED

Past Presidents

John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA (SK)	1972 - 1973
Frank A. Gunther, W2ALS (SK)	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP (SK)	1994 - 1996
John Kelleher, W4ZC (SK)	1996 - 1998
Gary R. Harrison, KØBC	1998 - 2002

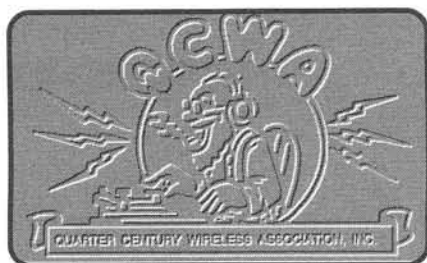
Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax, 541-683-4181.

From the President

Croft Taylor, VE3CT



By the time you read this message, your current Board of Directors will have completed the first of a two year term. We have had a rather successful year to date. Our financial picture improved to the extent that we were not in the red as previously anticipated - our recruiting numbers - thanks to all, have significantly outweighed the Silent Key list, and we now have commitments for Convention venues for the next three years.

Speaking of Conventions - you will find elsewhere in this issue details of the forthcoming 2003 Convention in Dallas - together with an application form for the various activities. I hope to see many of you there. There is some late breaking news as I write this message - Chapter 70 in Ottawa has requested and has been given Board approval to host the 2004 Convention in the Fall of 2004. As many of you recall - Ottawa hosted a convention in 1996, and it turned out to be one of the most successful and best attended ever. In the year 2005, we are planning a Cruise Convention from Seward Alaska to Vancouver B.C. As they become available, our Webmaster NØUF will post details of the latter two events on the Web Page.

Although the Dayton Hamvention attendance figures were apparently considerably down this year, it was not apparent at the QCWA Booth. Our staff members were very busy with membership and renewal applications from opening to closing each day, and our General Manager reports the final tally to be a success. Of course, the rain may have helped, in that many visiting the outside flea market came inside to escape the rain, which increased the traffic in our area. I was also very pleased to meet in person many of you who regularly check into our weekly international nets. In addition, Chapter 9 in Dayton hosted an excellent dinner on Friday night, which was most enjoyable.

Although this has been a successful year for our Association, one sad note was the recent untimely passing of our Historian Wes Randles W4COW. Disappearing with Wes, was a treasure of background information of our Association - some of which he related in detail to our assembled multitude at the 2002 Convention Banquet in Orlando last October. Thanks to Pam La Peter, KD4HTB, this talk has been memorialized on tape. Although I am sure Wes' XYL Blanche, W4GXZ, is still grieving from her loss, she still carries on with her important program as "Taping Coordinator" for the visually impaired. Our thoughts and prayers continue to go out to you Blanche.

You will find the Rules and Regulations in this Journal Issue for the Fall QSO party, and I am hoping to have a QSO with many of you on the first weekend in October. We broke a record this past Spring in number of participants - let's see if we can do it again.

Four Presidents Attend RAC's 10th Anniversary Dinner



The Radio Amateurs of Canada (RAC) recently celebrated 10 years of success at a dinner gathering in Ottawa. In attendance were (L-R) Larry Price W4RA President of IARU, Croft Taylor VE3CT, President of QCWA, Jim Haynie President of ARRL and William Gillis VE1WG, President of RAC. RAC was formed 10 years ago from the amalgamation of two Canadian Amateur Radio Groups - the Canadian Amateur Radio Federation (CARF) and the Canadian Radio Relay League (CRRL).

Special Event Station Announcement

The Benton Amateur Radio Society (BARS Club) and the Arkansas Section, ARRL will operate a special event station in recognition of the Louisiana Purchase 200th anniversary. The station will operate from October 6 - 15, 2003 with the call sign W5P.

See the Arkansas Section ARRL website for operating frequencies, times, and QSL information.

The address is:

www.arkansashams.org.

QCWA CLEVELAND CHAPTER NO.1 CONTINUES ITS TRADITION OF PUBLIC SERVICE.

Members of Cleveland Chapter One have long been involved in various public service activities, such as providing as providing communications at public events and emergency preparedness activities. Members of Chapter One have also been involved in the operations of the Veterans Administration Hospital Network initially at the Brecksville, Ohio VA Hospital that operates under the call sign W8BAA.

Recently members of Chapter One were asked to initiate operations at the Wade Park VA hospital, which is located near University Circle in Cleveland. There had been a station located at that hospital, but that station had fallen into disrepair and was no longer operating. Jack Goldfarb W8WGO and Dick Ingraham WA8TPP responded to a request by the Administration of the hospital to reactivate and refurbish the station, so that it can take part in the various activities of the VA Network and provide emergency communications for the hospital.

The VA administrator has obtained facilities and funds for the purchase of some excellent equipment and antennas. The Chapter One team is in the process of selecting the equipment and arranging for the installation of suitable antennas and equipping of the station to provide emergency communications for the hospital. The station when fully functional will operate in a manner similar to that of W8BAA.

The government has recognized the value of the emergency capabilities provided by Amateur Radio and has directed local authorities to encourage Amateur Radio participation in emergency preparedness. Dick Ingraham WA8TPP, who is President of Cleveland Chapter One, is in the process of lining up members of the Chapter to man the station as soon as the equipment is installed and suitable antennas are erected, a process which is already underway. The station at Wade Park will operate under the club call sign of Cleveland Chapter One which is, "W8LYD" and will be active on both HF and VHF.

Coming Event

**The QCWA 47th Annual QSO Party
October 4th, 2003**

WOULD YOU LIKE TO BE A QCWA DIRECTOR?

As a paid up member of QCWA for at least two years, you are eligible to run for office by collecting supporting signatures from 25 other paid up members. You must have this procedure completed and in the hands of our General Manager before 31 December 03. Your name will then be placed on the voting ballot for the next election. The term of office for successful candidates will be from 1 Sep 04 to 1 Sep 06. It is suggested that you gather a few extra signatures, in that some members don't realize their membership may have lapsed.

QCWA member Peter Onnigian W6QEU honored by SBE

The Society of Broadcast Engineers (SBE) has honored QCWA member Peter Onnigian [Chapter 169, Sacramento Valley] by electing him to the grade of Fellow. Onnigian, founder of Jampro Antenna Company is a 60-year broadcast engineering veteran, who started his career as a CW operator with Western Air Express in Burbank, and was an Air Force communications officer during WW II.

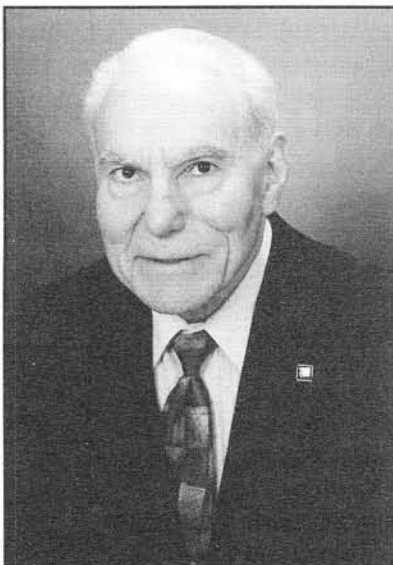
The SBE award noted his three antenna patents, the first for the cordless microphone. That wireless mike was marketed worldwide first by Vega. His second patent started a revolution in circularly polarized radiation, becoming the gold standard for thousands of FM stations in this country and overseas. He petitioned the FCC successfully in 1979 to allow TV stations to use circularly polarized antennas for superior coverage.

Onnigian has written 32 technical papers and delivered 14 of them at NAB Engineering Conferences. He attended Yale and is a registered California electrical engineer.

He attended National Schools studying radio operating and mechanics in Los Angeles after high school in 1939. His first job was point-to-point CW operator at Western Air Express in Burbank. In January 1942 the Second World War was under way when he moved over to United Air Lines, San Francisco as air/ground plus point-to-point CW operator. Soon United got a War Department contract to fly supplies from Salt Lake City to military bases in northern Alaska. After some brief training he became a flight radio operator flying in modified DC-3 aircraft to Nome, Ruby, and Pt. Barrow, which had only a few primitive radio navigation aids at the time.

He went back to National Schools in late 1942 teaching Army Signal Corp and Army Air Force GIs radio operation. Some of the Air Force students came from the Army Airways Communications System (AACS). So when his last draft deferment ran out he went into the service, was commissioned and assigned to AACS. Onnigian served the next three and a half years with AACS in the

China, Burma, India (CBI) Theatre as a communications officer, coming back to the States from Singapore in 1946 as a first lieutenant.



Peter Onnigian W6QEU

During his career, Mr. Onnigian made many valuable contributions to broadcasting that include the following patents:

FM Antennas

In 1970 he successfully developed a new class of circularly polarized omni directional single element radiator suitable for FM broadcasting, receiving Patent # 3,541,570. It was the first true circularly polarized radiator with a common phase center for both polarizations, thus producing a very low axial ratio. In 1987, the year the patent ran out, there were four firms exhibiting this antenna at NAB. But last year there were 18 firms! These are now by far the most popular FM antennas in the world, with an estimated 275,000 in current use around the globe.

Wireless Mikes

Another contribution to the advancement of broadcast engineering was work leading up to Patent # 3,105,938, granted in 1963, for a high quality crystal controlled wireless microphone transmitter. It used a 3rd harmonic crystal oscillator, whose frequency was modulated by a voltage variable diode capacitor. It used a ferrite rod antenna plus a pigtail. The second unit was used in the Nevada State Miss America Pageant in 1959 after the first one had been beta tested at KXTV Sacramento for six months. Assigned to VEGA in 1965, they and several others are using the basic expired patented idea of modulating an overtone crystal with a capacitance variable diode to produce an excellent wireless microphone.

Balanced Antenna Feed

Another patent, granted in 1991, # 5,068,672, greatly improves the beam radiation pattern of Yagi type driven elements for microwave and UHF-VHF antennas. Useful for broadcast remote pickup, ENG, and studio to transmitter links, the feed method eliminates beam squint, thus improving the antenna's aiming procedure, and reducing the set-up-time.

Where's that danged Ø on this confounded computer thing?

I often watch the QCWA Reflector to see if there are topics that might be of interest to readers of the Journal. Although the reflector represents a very small percentage of the total QCWA membership, there was one recent discussion on which I thought I could provide some useful insight that would be helpful to the majority of QCWA members.

The slashed zero is a common character for amateur-radio operators and was a simple operation on the nearly extinct typewriters. How does one type the "Ø" symbol (a slashed zero) in our computerized world? There were many useful and correct solutions on the reflector but there is another that doesn't require one to sift through an assortment of character maps searching for the Ø.

Try this method out for size:

When you're ready to insert the slashed zero, activate the Num Lock function (usually above the number 7 key on the standard keyboard). One can verify that the Num Lock is activated by watching for a LED to illuminate indicating that it is active. The location of the LED varies with many keyboards and sometimes is represented with a symbol or sometimes by the proper label, "Num Lock". I just keep punching it until I see a light come on.

After Num Lock is active, hold down the "Alt" key and hit the following numbers on the right numerical keypad: 0 2 1 6 then release the Alt key. As if by magic, the slashed zero (Ø) will appear at your cursor. It's best if you deactivate the Num Lock function or you may get some funny things happening. For example, when you hit the Del (delete) key, it will type a period (.). So remember to deactivate the Num Lock function. That's it folks. //ger (Editor)

Guam Hit By Typhoon

QCWA helps restore repeater

On December 8, 2002 the island of Guam was hit by a "super-typhoon" containing winds between 180 and 200kph. Some of the hams on the island were able to dismantle their antennae, but the Guam's only repeater, providing an emergency back-up communications system for the entire island, was destroyed. Duncan Campbell KF6ILA/KH2 communicated via 20mtr SSB with QCWA member W8RSH, Tony Hirsch (Columbus, Ohio) - and later by email explaining the plight of the Marianas Amateur Radio Club and its mangled two-meter antenna.

Hirsch described the Guam situation to a Dallas, TX antenna manufacturer, and the company responded by donating a commercial broadband 6dB gain vertical for use by the club to reactivate the Guam repeater. Transportation from manufacturing plant to the Naval Air Station in Fort Worth was provided by QCWA member and director Jerrel Jones W5TUU, after navy shipping arrangements were coordinated by Dan Grashel, a Dallas resident who heard of the situation and volunteered. Finally, the antenna arrived in Guam via US Navy flights to Travis AFB, then to Atsugi NAS Japan. Photos of the actual installation show Duncan Campbell, Bob Kelley (N1GU) and Harold Wood (WH2ADM) at work, but do not describe the total quantity of pizza, soda and beer needed for sustenance and encouragement. The repeater made RF on or about March 3, 2003.

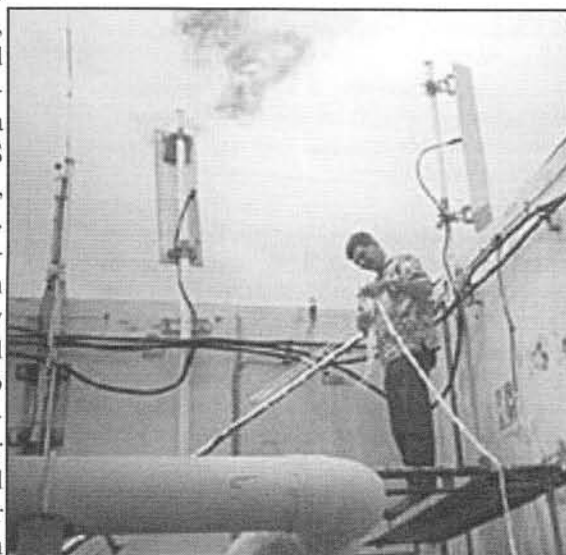
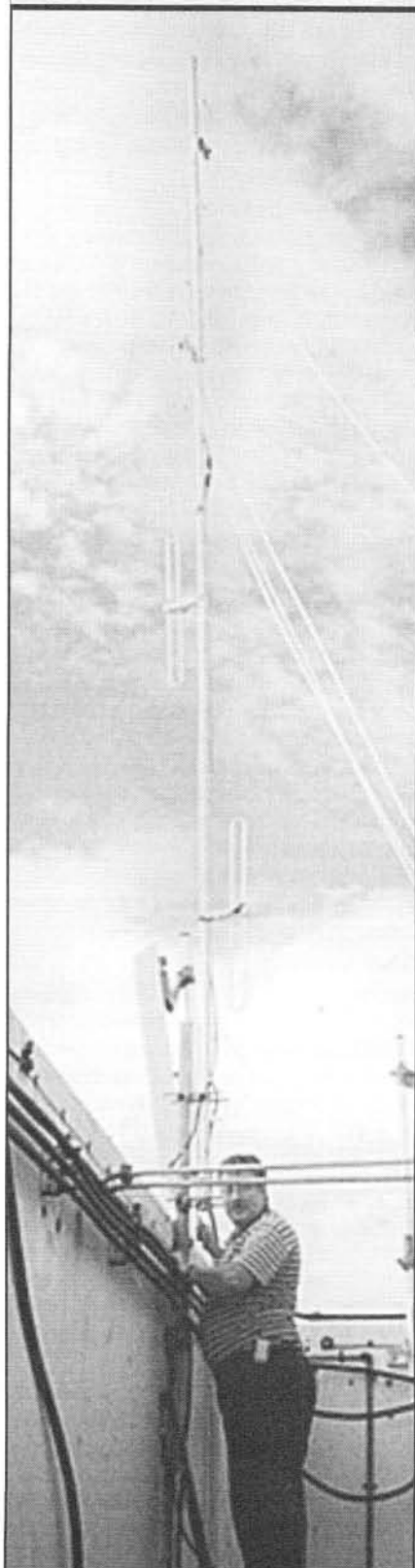
Duncan's first posting gives a vivid account of the devastating typhoon:

Posted: Dec. 29 2002,03:55

Guam continues to recover from the super typhoon, which hit us on 8 December. The focus has shifted to recovery, with some 2500 victims being moved out of the Red Cross shelters back onto their property with tents being provided for temporary shelters. The schools will be reopening on the 6th of January for classes. We still have three schools that are too damaged to reopen. These students will be bused to three schools which will open and classes will be held in additional sessions.

Electricity is slowly being restored with about 30 percent of the island with electricity, and 30 percent with water. The electrical restoration is being held back because of a lack of transformers on the island. We expect a shipment of transformers this week.

The field hospitals have now shut down and the medical professionals have now returned home. Our hospitals have been stabilized with power and water, and the damage occurred has been patched, though final repairs are still months away. The Reverse-Osmosis water plant set up by the U.S. Army by



the boat basin has also shut down and returned to the states, as that the island is now able to provide water from our wells once again.

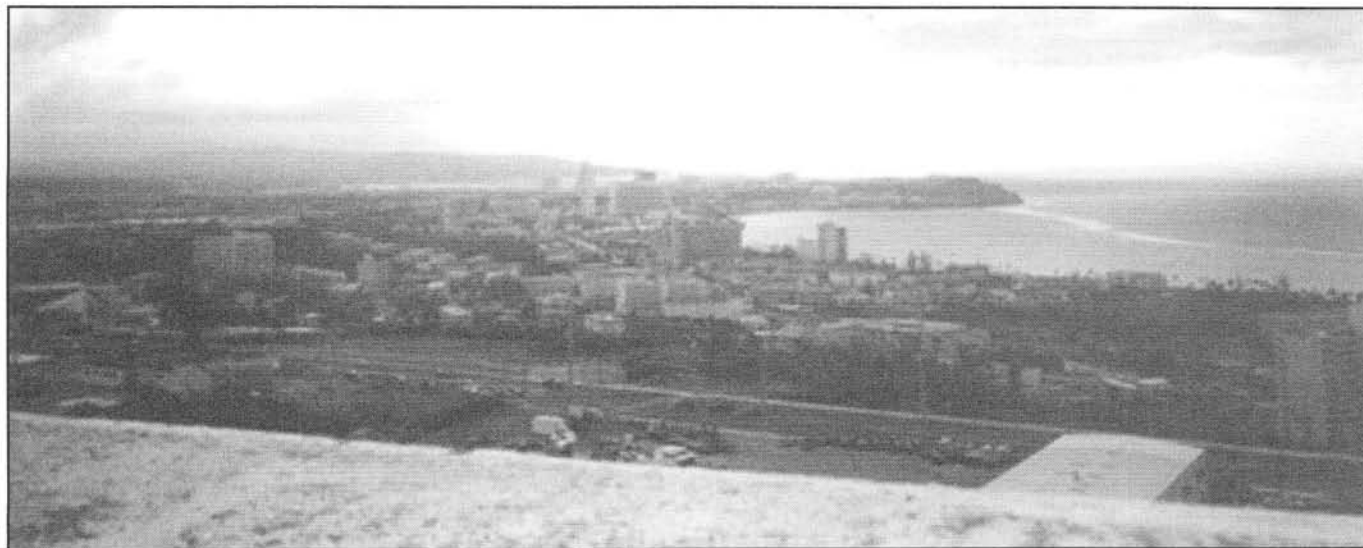
Of course everyone is wondering how our Ham friends are doing. As I reported earlier, we are all safe. Some homes suffered damage due to windows being blown in by the wind, however, no homes were destroyed. Two of our club members even rode out the storm in their boat moored in the harbor but that is their tale and I will let them tell it. Suffice to say that they are okay, though shaken.

Two of our more senior hams were not able to get their antennas down in time. The younger hams usually take care of them before a typhoon when we have notice, but in this case, the typhoon was being reported as to pass us by over 100 miles up to 12 hours prior to landfall. So their antennas were still up when the typhoon hit. Needless to say the antennas and towers were destroyed. Having talked to these two, they do not know when, if ever, they will be able to replace their antennas. Our club (Marianas Amateur Radio Club) is already in discussions to install some wire dipoles for HF and some copper J-Poles for 2 meters. More will come on this after our monthly meeting on January 7th.

The Red Cross, Salvation Army and FEMA are doing an outstanding job here on the island. Though I hear that the national news outlets are not covering this disaster, we are not being neglected. If it were up to me, I don't think I would go someplace with the daytime temperature of 87 degrees (nighttime of 79) and the humidity of 95 percent, with no power (air conditioning) or water either, which is why we truly appreciate those from the FEMA, the Red Cross, Salvation Army, the Medical Teams from San Diego and elsewhere, and the U.S. Army for the ser-

vices they provided. We also appreciate those that opened up their hearts and provided a "Christmas Drop" of presents for the children of the island, so that they would still have a Christmas. These came from the United States, Japan, Korea, and the Philippines.

73 and God bless Duncan KF6ILA/KH2



View of Guam looking to the southwest.



Gen. Manager's Report

Jim Walsh, W7LVN

Here it is barely summer, and time to do something for the Fall Journal. I would like to bring to your attention our wonderful Memorial Scholarship program. Leland Smith W5KL, is chairman of this program. The program has been running for many years and Chapters continue to contribute each year in memory of their SK members. In addition, as reported in the Journal, many individuals make contributions in memory of their friends. Please keep this in mind as time goes on. It is these many contributions that give to us the pleasure of contributing to the education of some fine young people that are also amateur operators. I have just received an advanced listing of 16 students who will shortly receive checks for their educational needs for the coming year. We will publish their names and bios in an early issue of the Journal. Have you contributed to the fund in memory of a friend who has become a SK? Do it now, it is a great cause.

Jim, W7LVN

Ron Banaszak W9FB letter to GM Jim W7LVN regarding the dormant Chapter 36, NWI.

I had the honor and privilege to become a member of Chapter 36 in 1978 as a neophyte amongst such giants who were at Pearl Harbor on December 7, 1941 on board the USS Sacramento - a single stacker which was of little interest to the Japanese as they were concerned with the battle wagons and cruisers, which probably saved the lives of our cohorts in Chapter 36. Some call signs come to mind like Spud W9NGB, Andy Jeniga W9HPQ and two others, all radiomen. As part of their talk on December 7, 1941 and the attack, they had documentation of the radio transmission between Pearl Harbor Base and the battle wagons under attack, and WAR in Washington DC.

Our past president John W9MRS turned 90 years young on 10 June having been born in 1913. He was first licensed in the spring of 1932 as W9KGI. During his senior year of high school, he applied for and received a scholarship from I.C.S in Radio Engineering. Upon completion of the I.C.S. scholarship, his



Ron W9FB (l) and John W9MRS (r) at John's 90th birthday party and awards presentation.

Memorial Scholarship Fund Donations

NAME	HONORING
Chapter 63	W5NL
Chapter 121	
Chapter 21	W8RYW
Chapter 108	
Chapter 45	W4PGT
Allen E Mehnert	W9NN & W1CW
Chapter 181	
Chapter 32	W8BGI
Ralph Hasslinger	W4COW
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Chapter 12	W4AZO & W4COW
John Huntton	W4COW
QCWA BOD	W4COW
Jay & Jackie Strom	W4COW
Leslie Hardie	
Greg Milnes	
Chapter 19	N0YS
Chapter 32	W4COW
Chapter 128	W4COW

grades were sent to Bill Perry, Superintendent of the Power Department at the Inland Steel Company. John was hired on the basis of his Amateur Radio background plus the I.C.S. schooling. His starting wage was a whopping 29 cents per hour. His duties were changing the carbons in lights as a lamp trimmer in 1933. Times were hard then and one could only work a 40-hour week. John made a mistake and worked a 52-hour week and was fired on the spot. But because of his work record and electrical experience - Inland Steel called him back to work in the electrical department.

Seven months later he transferred to the strip mills (44" & 76" mills) where he rose to the position of General Electrical Foreman. As a first Power House operator, John needed my permission to change feed lines or start or stop his 10,000 HP motors. Many years went by and neither of us knew that we were hams. But John decided to join Chapter 36 QCWA, we met, talked and filled in the blanks, and have been good pals in amateur radio and QCWA ever since.

When John W9MRS turned 90, a surprise birthday party was given for him at his niece's home with many family members and QCWA Chapter 36 members in attendance. It brought tears to John's eyes but he quickly recovered upon opening his many gifts. One of his gifts turned out to be a refurbished J38 straight key. John fondled the J38 telling everyone that this was one of the very first forms of digital communications. John is active in HF 2 to 6 meters. He was also presented with a 70-year QCWA pin, a 70-year QCWA gold certificate, QCWA Century certificate along with 450 QCWA stamps by Ron Banaszak W9FB, formerly W9MDF - past secretary of Chapter 36.

Rules for the 47th Annual QCWA QSO Parties

QCWA cordially invites all to participate in the 2002 QSO parties. All licensed Radio Amateurs worldwide are invited.

Time/Dates: Two parties will be held in 2003. The first one shall commence on **05 Apr 2003 at 1900 Hrs UTC** and the second one shall commence on **04 Oct 2003 at 1800 Hrs UTC**. Each will run for a **period of 24 Hours**. Both CW and Phone modes may be used.

Frequencies: The following 15 Bands may be used:-

1.8: 1.800 - 2.000	14.0: 14.000 - 14.150	28.3: 28.3 - 29.7
3.5: 3.500 - 3.750	14.2: 14.150 - 14.350	50: 50.0 - 54.0
3.9: 3.750 - 4.000	21.0: 21.000 - 21.200	144: 144.0 - 148.0
7.0: 7.000 - 7.150	21.2: 21.200 - 21.450	220: 220.0 - 225.0
7.2: 7.150 - 7.300	28.0: 28.000 - 28.300	UHF above 420 MHz

Any station may be contacted on any or all of the 15 bands for a maximum of 15 QSO's per station, with no more than one QSO per Band. Any station in your home QCWA chapter may be counted only once, for a maximum of one QSO per station. No contacts on WARC bands are permitted (10, 18 and 24 Mhz Bands). No Cross Band or Repeater Contacts are allowed.

Suggested Starting Frequencies:

CW: 1.910: 3.540: 7.035: 14.040: 21.050: 28.050

Phone: 1.910: 3.890: 7.244: 14.262: 21.365: 28.325

Calling (CW or Phone): CQ QCWA

Information Exchange: Fill Columns on the Log Form. For the "year" column, indicate the last 2 digits of the year the station operator was first licensed. If the contacted station does **not** belong to a QCWA chapter, show only the State, Province or Country of its location. The latter would apply to Non QCWA members as well as to QCWA members who are not affiliated with a local chapter. **Do Not mention the term "At Large" (AL) as was done several years ago, as this can be confused with AL for Alabama.** For Band info, simply indicate one of the above 15 Bands in the "band" column.

Scoring: Each Phone QSO is worth **one contact point**. Each CW QSO or other Digital Mode QSO such as RTTY, PSK31, MFSK etc. is worth **2 contact points** (show 2 points in the QSO Points Column on the Log). A **Multiplier of one point** is given for each QCWA Chapter worked and for each State, Province or Country reported from stations not belonging to a QCWA Chapter. A total of **only one** multiplier point will be given for each State, Province or Country. A **Multiplier of 3 points** will be given on each of the 15 Bands for working our Special Events Station **W2MM**. It is hoped to have this station active throughout the two parties. Stations within 50 miles (80 Kms) of W2MM, may work W2MM only once for a total multiplier of 3 points. For the year 2003, the station will operate in the vicinity of Chapter 41 Headquarters in Dallas TX, site of the 2003 Convention.

Sample logs and a summary sheet may be requested from QCWA Headquarters with an SASE.

Address is 159 East 16th Ave., Eugene OR 97401-4017.

Contacts with QCWA Memorial Station W2MM count as **THREE MULTIPLIERS** on each of the 15 bands. **Note:** W2MM will be operated by one of our local chapters. Members of that chapter, and non-chapter Members within 50 miles (80 kms) will be permitted to work W2MM only once for a total of 3 Multiplier points.

Awards:

Certificates will be issued for the top 3 World Scores.

A certificate will be issued for the top score in each participating Country.

Summary Paragraph: In order to assist the log checker, please include,

QSO's		Contact Points
CW Contacts _____	x2	= _____
Phone Contacts _____	x1	= _____
Total Contact Points		= _____ (A)
Multipliers		= _____ (B)
Total Score = A x B		= _____

along with your logs, a Summary Paragraph as shown below.

Send Logs to: WØHXL, Dick Newsome, 2924North 48th Street, OMAHA NE 68104-3726, U.S.A.

Name	Call	Final Score	
Address			
Chapter #	Novice (Yes/No)	QCWA (Yes/No)	QCWA Member #

[illegible]

REMEMBERING WES RANGLES W4COW, SILENT KEY

By Leland Smith W5KL, QCWA President Emeritus



I was shocked beyond words when Blanche Randles W4GXZ, phoned me on May 19, 2003 to give me the sad news that Wes W4COW, had died peacefully while relaxing in his easy chair that morning in Amherst, MA. Only the day before, Wes had served as Net Control for the Sunday afternoon QCWA SSB net on 14,347 kHz, something he had done innumerable times in the past twenty-five years. We had our usual QSO following after the net and he was in good spirits. His new Ameritron AL-82 amplifier was working great and he was excited over the new beam antenna he had recently ordered to replace his aging tri-bander.

In my many years participating in QCWA activities, no other member to my knowledge has been more dedicated or supportive of the organization and to amateur radio as Wes was. We shared a lot in common; both of us were licensed as teen-agers in the early 1930s and built and operated our simple transmitters and receivers. Both of us sought such employment as was available during the depression years, Wes affiliated with a local broadcast station and I enrolled in the Civilian Conservation Corps. Neither of us could afford college educations at the time.

I first met Wes and Blanche personally at the Chicago QCWA Convention in the late 1970s. They were attending the convention to meet with QCWA friends and I as a newly elected QCWA Director. We discovered almost immediately that we had a lot in common. Both of us were not only long time radio amateurs but both of us had been heavily associ-

ated with military radio and radar installations during World War II. We both served in the Pacific theater where I was a communications officer in the Marine Corps and Wes was a civilian technical representative with the Raytheon Corporation. Our wives were both general class licensees, and thus had much in common.

Wes later served for years as QCWA National Treasurer and I was especially directly associated with Wes in QCWA matters when I was appointed Chairman of the QCWA Memorial Scholarship Fund Committee after Leo Meyerson WØGFQ, retired. So I came to know Wes very intimately in our QCWA activities, on the air, and in person. Helen and I visited Wes and Blanche several times at their Stoddard, NH, lakeside summer cottage and their Tampa winter home and they in turn visited us at our rural mountain retirement home and later in Harrison, Arkansas.

Wes was far more astute as a hands-on electronic technician than most of us. He always had the answer to an antenna problem or a circuitry question when it arose. He belonged to and was active in more QCWA Chapters than any other member I know of. He could always be seen at the QCWA display table at conventions and hamfests, with a stack of QCWA applications ready to sign up anyone who passed by who was eligible. In his on the air contacts, Wes was not bashful when it came to asking a contact if he or she was licensed twenty-five years ago and if so, volunteered to mail a QCWA application.

Wes was one of a kind and will be missed by his many friends for a long time to come.

Remembering Helen, W9GJX-W8GJX

— Rod Newkirk. VA3ZBB

It's essentially dormant now, but there was a time when our 80-meter CW sub band was wall-to-wall fun. Traffic nets buzzed all night long from coast to coast. Penny postcards and the telephone might have been more practical, but hams preferred the exciting wireless challenge of originating, relaying and delivering manual-telegraphy QTC. It was a thriving hobby within the hobby.

Many of these networks featured skilled YL operators who could hold their own with any OM. Helen, W8GJX, was one of the best. When I became W9BRD in the mid-1930s she was already a seasoned A-1 op famed as W9GJX. (Michigan's upper peninsula didn't join the 8th call area until after WW2.) It was more than a year before I could comfortably copy her blazing fist.

Though busy with many other pursuits, in later years W8GJX kept in touch with old 80-meter pals. She had a receiver tuned to 3669 kHz all day long, a favorite haunt. My wife Betty, VE3ZBB, recently visited Chicago and spent a few hours on the air. I told her, "It's time I introduced you to my longtime girlfriend Helen." A slightly delayed reply answered my quick 3-by-3 on the magic frequency. Helen had been doing oils in a studio elsewhere in her Ludington home.

My most memorable association with dynamic W8GJX involved an Escanaba Smelt Festival in the late '30s. When those delicious little fish do their annual run, U.P. folks frantically fill every available pail and tub. Hometown movie starlet Lucy Johnson, Festival queen, was scheduled to arrive in Escanaba after a well-publicized train journey from Hollywood. Her most important stop would be transferring trains in Chicago.

Helen volunteered me to contact as many local Johnsons as possible to greet Lucy. Luckily my mother and two aunts held secretarial jobs downtown. For a solid week during lunch hours, they and their office staffs labored through page after page of Johnsons in the city telephone directory. They promised a very edible gift to each respondent — a carload of crated frozen smelt also awaited Lucy's arrival.

Union Station was jam-packed with Johnsons roaring approval as little Lucy and her entourage appeared. It was probably the largest gathering of Johnsons in all history. It was also a step toward a fairer world. Chicago's telephone book was colorblind. A significant number of the Scandinavian beauty's enthusiastic welcoming committee turned out to be African Americans.



The Rules Say...



John B. Johnston, W3BE, 17701 Bowie Mill Road, Derwood, MD 20855-1608

Here are the answers to your questions about the FCC rules for the amateur service. Most of these rules are codified in Part 97. See the document *Title 47 — Telecommunications - Code of Federal Regulations Parts 80 to End*. The 2002 edition can be downloaded from http://www.access.gpo.gov/nara/cfr/waisidx_02/47cfr97_02.html. Questions, call signs and incidents mentioned in this column are for explanatory purposes only. A W3BE-O-GRAM is an opinion of the author

Q. How tall can my antenna stand?

A: From a strictly communications standpoint, Section 97.15(b) authorizes you to erect your antenna at a height sufficient to accommodate amateur service communications. The maximum height of the amateur service is 50 kilometers. Above that, it is the amateur-satellite service. See Section 97.5(a).

W3BE-O-GRAM: Before you start erecting your 30-mile-high towers, you should understand that the practical height of your antenna depends upon a number of factors, not the least of which are your resources: financial, time, energy and know-how.

Then there are restrictions for flight navigation safety, environmental protection, and local concerns for safety and appearances. There are also the matters of arrangements that you have made with the owners of the land on which your antenna stands or the entity from whom you obtained the land. So, that 50 km ceiling is the very least of your concerns.

Q. What are the exceptions that limit the height of my antenna?

A. The location of your antenna structure determines whether any of the exceptions apply to its height above ground level:

1. Section 97.15(b) says that the owner of an antenna structure more than 200 feet above ground level at the site must notify the FAA and register with the FCC.
2. Section 97.15(b) says that the owner of an antenna structure located near a public use airport must notify the FAA and register with the FCC.
3. Section 97.13 says there are restrictions on the location of your station. Your antenna is a component of your station. These restrictions apply to land of environmental importance or significant in American history, architecture or culture, places within a mile of an FCC monitoring facility and places where your station could cause possible harmful human exposure to RF electromagnetic fields.

Q. What are the flight navigation safety restrictions on antennas?

A. Section 97.15(a), in effect, says that unless the antenna is near or at a public use airport, the antenna may be 200 feet above ground level at the site. Otherwise, the Federal Aviation Administration must be notified and the antenna structure must be registered with the FCC. The details are in Part 17. It is likely that you will have to mark your tower with specified painting and lighting in order to gain the necessary approval.

Q. How close to the airport can my antenna be before being subject to the restrictions Part 17?

A. It begins at about four miles from the nearest runway. Section 17.7(b) describes an imaginary surface above which notification and registration are required. It extends outward and upward at one of the following slopes:

- **For a large airport** (any runway length more than 3,200-feet), the slope is 100 to 1 for a horizontal distance of 20,000-feet from the nearest point on the nearest runway.
- **For a small airport** (longest runway length no more than 3,200-feet), the slope is 50 to 1 for a horizontal distance of 10,000-feet from the nearest point on the nearest runway.
- **For a heliport**, the slope is 25:1 for a horizontal distance of 5,000-feet from the nearest landing and takeoff area.

Q. My neighbor has a landing strip on his property. Must I give notification to the FAA?

A. Section 17.7(d)(1) says that notification is required where the airport is available for public use and is listed in the Airport Directory of the current Airman's Information Manual or in either the Alaska or Pacific Airman's Guide and Chart Supplement.

Even if your neighbor's strip is listed therein, your antenna might come under one of the exemptions described in Section 17.14:

- (a) You might find that it is shielded by existing structures or by natural terrain or topographical features and located

in a congested area where it is evident that your antenna would not adversely affect safety in air navigation. You would have to file a statement with the FCC explaining in detail your basis for your finding.

(b) It might be no more than 20-feet in height and not increase the height of another antenna structure.

Q. Can my state or local government limit the height of my antenna?

A. Yes, your state or local government can still regulate the height of your antenna structure. However, Section 97.15(b) says that such regulation must not preclude your amateur service communications. Rather, it must reasonably accommodate such communications and must constitute the minimum practicable regulation to accomplish the state or local authority's legitimate purpose. It refers the reader to PRB-1, 101 FCC 2d 952 (1985) for details.

Q. What is PRB-1?

A. PRB-1 is the designation for a document containing the landmark declaratory ruling made by the FCC on September 16, 1985, pertaining to our antenna structures. You can download a copy of PRB-1 from the FCC.gov website.

Q. What was the reason for the designation "PRB"?

A. The designation "PRB" stands for the Private Radio Bureau, a former FCC organizational component. Many of the responsibilities of the PRB were folded into the current and much larger Wireless Telecommunications Bureau. PRB-1 marked the beginning, as well as the end, of a unique notice and comment procedure whereby the Private Radio Bureau could obtain information on non-rulemaking issues.

Q. What does PRB-1 say?

A. PRB-1 established a limited Federal preemption policy, requiring state and local regulations to be crafted such as to reasonably accommodate amateur station antenna structures.

Q. What does PRB-1 say about covenants?

A. PRB-1 says that the FCC expressly decided not to extend its limited preemption policy to covenants, conditions and restrictions contained in deeds or bylaws of homeowner and condominium associations.

Q. What was the reasoning behind that?

A. PRB-1 says that such agreements are voluntarily entered into by the buyer or tenant when the agreement is executed and do not concern the Commission.

W3BE-O-GRAM: *In 1971, upon relocating to the Maryland suburbs of Washington, DC, I happened to notice a statement in one of the documents associated with the first home I purchased. It mentioned an "architectural control committee".*

I showed the document to attorney Bob Booth, then W3PS, and asked what the statement meant. "It means that you have to move!" was his assessment. That I did, thank goodness, making certain that there were no such conditions on my second – and current – QTH.

Q. Is the FCC ever going to extend PRB-1 to our private agreements?

A. So far, the FCC has turned down such requests. However, in our ever-changing political environment – as we all know – anything is possible.

W3BE-O-GRAM: *The word on the street is that it won't happen until the Congress instructs the FCC to do so.*

In the meantime, if you are caught in a private agreement, you might do well to look into some of the new applications for ham radio that do not require high profile antenna structures. An HF station at a distant site can be remotely controlled via a modest UHF station or the Internet. Then there are a growing number of pc-based systems such as packet, PSK-31, Echolink, etc.

Q. Do assumptions made by the FCC in the discussion section of a Report and Order have any significance to the interpretation of the resulting regulation?

A. In general, the rules are the rules. When it appears to you that newly adopted rules do not accurately codify the Commission's Order adopting those rules, you should file a petition for reconsideration during the period specified for such action. It usually follows immediately the adoption of the Report and Order. When that period has expired, a request for clarification might be filed. For a very old matter, it just might be better to file a new petition for rulemaking.

Q. The FCC licensee database, in some instances, shows two entries for the same call sign. They appear to be call signs reissued under the vanity system because one listing is for an expired or canceled grant and the other for the active grant. What is the policy for removal of the former grant from the database?

A. Both of these are license records. They both show on the system as a license record for that call sign. The system will maintain this information indefinitely.

Q. When an amateur radio operator makes an autopatch call through a repeater (or through their own base station), the person reached on the telephone side does not need an amateur license to talk. Yet, their voice is being broadcast. Has the FCC addressed this issue?

A. Yes. The person on the telephone is a third party. Section 97.115(a) says that an amateur station may transmit messages for a third party. Further, Section 97.115(b) says that the third party may participate in stating the message where the control operator is present at the control point and is continuously monitoring and supervising the third party's participation.

In the case of a repeater autopatch, when the third party is speaking, the control operator of the repeater is party one and the repeater user is party two. When the user is speaking to the person on the telephone, the roles of parties one and two are reversed.

This assumes, of course, that your question was not about broadcasting. Section 97.3(a)(10) defines that term as transmissions intended for reception by the general public. Section 97.113(b) says that an amateur station shall not engage in any form of broadcasting.

Q. Our repeater makes the station identification announcement using the voice of a non-ham. Isn't that third party communications?

A. No. The voice being transmitted does not enter into that determination. Section 97.115(a) says, in effect, it is the person for whom the message is being sent that determines whether it is third party communications. In this case, the station licensee has chosen to comply with the station identification requirement in Section 97.119(b)(2) by a phone emission in the English language. Whose voice is used in making the ID announcement is immaterial as long as the message is on behalf of party one. In this case, that is the station licensee.

Q. Where do the FCC rules begin? If otherwise illegal emissions don't leave the room, are they really legal? And how RF-tight would the room have to be?

A. Section 97.5 does not place a lower RF energy limit on amateur stations. We face the reverse problem in that regard, with manufacturers of low-power devices wanting to share our amateur service spectrum under the theory that there is such a lower limit.

W3BE-O-GRAM: The issue at hand, therefore, is, "How much RF energy will not harm amateur station operation?" The amateur service community should, and is probably expected to, demand that no such sharing be allowed, claiming that such RF energy on our bands will cause us great harm. In fact, the FCC's Notice of Inquiry in ET Docket 03-104 recently sought information on the amount RF energy that can be injected safely into power lines.

Q. How would somebody go about legally experimenting with early spark gap and coherer radios?

A. The late Ed Redington used to present spectacular demonstrations to radio clubs in this area with a recreation of his 1915 rotary spark gap rig. I seem to remember him receiving short term Special Temporary Authority for this while I worked in the old FCC Amateur and Citizens Division. That STA authorized his station to engage in spark operation during his performance.

Spark really did make a racket even into a dummy load and gave off the odor of ozone. Thankfully, it only went on for a few moments. Now, we settle for a video of the event. His son, Ed, Jr. W4EBR, is a member of our Vic Clark Chapter # 91. He is going to be presenting a demonstration of his father's station at our regular monthly program for November 15 in Vienna, VA. Check our webpage for details: <http://homepage.mac.com/rucker/chapter91.html>.

Our past-President and my long-time friend, Lew McCoy, the late W1ICP, had a 19th Century coherer detector mounted in a small jewelry box. He described it as the World's first radio. It was a small glass tube containing loose metal filings. Apparently, it becomes conductive when in the presence of an RF pulse after which it has to be thumped to shake the filings before the next pulse arrives.

Our Historical Electronic Museum Amateur Radio Club sponsored an interesting exhibit of an operating coherer receiver at the Baltimore Amateur Radio Club State Convention earlier this year. It was crafted beautifully by Jules Kozma, K0ZMA. It makes a click sound in response to each RF pulse received from a tiny spark transmitter close by. For more information, check out our HEMARC website at <http://www.qsl.net/w3gr/>.

Q. Say I key up into a dummy load to align my new kit-built QRP rig, and find that it's out of band. Have I just broken the law? Even QRP with the dummy load, the bare rig emits enough RF to register S9+20 on a receiver close by?

A. Should your new rig be transmitting outside of any amateur services band, it is obviously creating radiation on a frequency band authorized to some other radio service. It may be, therefore, that it is causing interference to the rightful users. Depending upon the nature of the user and the amount of interference your rig causes, you could be asking for trouble.

W3BE-O-GRAM: I suspect that a lot of hams hold that when there is no one around to hear the proverbial tree fall in the proverbial forest, no proverbial sound occurs for which the proverbial someone could make the proverbial complaint.

As far as in-band tune-up is concerned, Section 97.305(b)

authorizes test emission types on any frequency authorized to the control operator for brief periods for experimental purposes. Section 97.3(c)(9) describes the various test emission types.

W3BE-O-GRAM: *Please keep your on-the-air tuning-up as short as possible. Our ham bands deserve better treatment than just serving as a substitute for a dummy load.*

W3BE CHECKLIST

Your copy of my W3BE CHECKLIST is available as a download via <http://homepage.mac.com/rrucker/chapter91.html>. Its purpose is to help you understand your responsibilities as a station licensee and your responsibilities as a control operator.

RULE MAKING

Here is a listing of some of the rule making proceedings in work that could affect the amateur service. You can use the FCC's Electronic Comment Filing System to research, retrieve, view and print any document in the system. Where the comment period is still open, you may also file your comments: RM-10313 Auxiliary operation; RM-10352 160 meters; RM-10353 Vanity call sign system; RM-10354 Control operator privileges; RM-10355 Permissible communications; RM-10412 Field repair; RM-10413 Operator classes; RM-10492 Permissible communications; RM-10521 70 cm communications; ET Docket 03-104 Broadband over Power Line.

W3BE-O-GRAM: *Now is the time for you to become familiar with these issues in preparation for responding to a possible call for comments from the FCC. Discuss them with your ham friends and form your own opinions.*

Additionally, at the Regulations.gov website, you can find, review and submit comments on Federal documents that are open for comment and published in the Federal Register. As a member of the public, you may participate in Federal rulemaking – an essential part of our American democratic process. You can submit your comments about these regulations and have the Government take your views into account.

To find *Federal register* documents currently open for comment, use the GO buttons at the top of each page. Then, use the "Submit a comment on this regulation" link to express your opinion on a specific document.

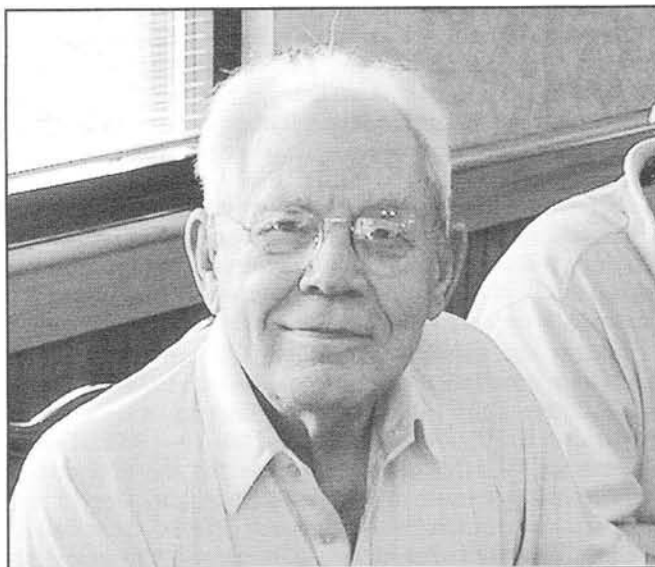
APPRECIATION

Thanks to everyone who submitted questions and comments for this column. Our **QCWA JOURNAL R&R** Superham-of-the-Month is Walter Maxwell, W2DU (photo). Most hams know of Walt's masterful book, RE-

FLECTIONS II and of his work at the RCA Princeton Laboratories. Only a few, however, know that Walt began his fabulous career with the FCC monitoring stations in Michigan and Hawaii at the onset of WWII. Thanks, Walt. You are at the very top of the list of those fascinating people who make this wonderful hobby happen.

Copies of this column from past issues of your QCWA JOURNAL are downloadable from our fabulous qcwa.org website, thanks to our great Webmaster Bob Roske, N0UF.

Your copy of my two-page W3BE CHECKLIST is now available at <http://homepage.mac.com/rrucker/chapter91.html>. Click on "FOLDER OF



Walter Maxwell, W2DU

DOWNLOADABLE FILES". Open the folder "operating aids" and click in the download column for the file W3BE CHECKLIST. While you're there, take a look at what our Vic Clark Chapter #91 has been up to lately.

John B. Johnston, W3BE, can be reached by sending snail mail to 17701 Bowie Mill Road, Derwood, MD, 20855-1608; or by sending e-mail to john@johnston.net.



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

There were 52 guests, including QCWA Chapter No. 1 Cleveland members, their wives and friends, that attended our spring luncheon/meeting on Saturday, April 12, at Dimitri's Restaurant. During the meeting, a discussion arose about our summer activities. Suggestions included a more aggressive publicity campaign as well as more participation in public affairs in Cleveland and its suburbs. There was another cry for more new QCWA members, especially the qualified younger candidates. No decision was made. The matter was tabled and referred for further discussion by our executive board for the next quarterly meeting in October.

After the meeting, our chapter president, Dick Ingraham W8TPP, introduced our speaker, Joseph Zelle W8FAZ. Mr. Zelle talked of his experiences as a radio engineer at WGAR in Cleveland. In 1941 Henry Grossman W2HM, chief engineer for the Columbia Broadcasting System in New York, hired him. Joe's four-year stint as transmitter engineer at (WABC, later called WCBS) New York was followed by his work in overseas radio photography reception at OWI (Office of War Information, which became Voice of America, after the war). He did consulting radio engineering for Carl E. Smith, W8KJQ, including many broadcasting stations in neighboring states and greater Cleveland. In 1947 he joined the WERE staff. After 24 years of service, all

16 radio engineers were dismissed by the new owners. In the meantime he became chief engineer of Cleveland's fine arts classical music station, WCLV. About 1960 he also began part time teaching Electronics, Physics, and Mathematics at Cleveland Technician School, Max Hayes Trade School, and Cuyahoga Community College at all three of its campuses. He also taught Slovenian at Cleveland State University. Mr. Zelle was licensed a Ham in June 1930; won his regular, advanced, and eventually his extra class license. He also holds an FCC Radiotelephone First Class commercial license as well as a Second Class Radio Telegraph license. He is a licensed professional engineer (electrical) in the State of Ohio. His qualifications as a consulting radio engineer were formally recognized at a broadcast station hearing of the FCC in Washington, D.C. He signed up with Dr. John Kraus, W8JK, at the Ohio State University Graduate School to work on his doctorate at the giant space antenna system near Columbus, Ohio, but never started working on the project there. "Everything, everything I owe to Amateur Radio and Radio Amateurs," says this pro in the field of radiation and electromagnetic waves. Featured on a television program was our chapter member, Jack Goldfarb W8WGO. He appeared on Cleveland television station, WVIZ, Channel 25, a PBS local outlet. The program was broadcast with Jack illustrating to a youngster the ancient galena crystal detector set of almost a century ago! We have another silent key. He is stalwart, Paul Cornell W8EFW, QCWA #3315. Paul was a real old timer, being licensed way back in 1930. He was well liked by all of the radio Hams. Paul was a CW enthusiast to his last day and a very valuable Amateur Radio historian for us. May he rest in peace! **Joseph Zelle W8FAZ**

Chapter 2, Chicago Area

President Jim Quinn, K9JQ, opened the meeting at 6:30 PM.

There were 9 members and 3 guests in attendance.

During the wait for the meal, Jim Quinn welcomed the members, their guests and the non-members. He started the program by having all introduce themselves to the assembly.

Then Treasurer K9JQ reported that we were in the black. We ended up 2002 with a few dollars more than we started. The financial report was given to the Newsletter editor for inclusion in the next newsletter.



Back row: Paul Bovaconti WD9DJD - Jim Quinn K9JQ - Richard Gieres - Lee Knirko W9MOL - Gil Kowols W9BUB
Front row: Ernie Czosek W9ULX - Mike WA9EVF - Carol Sparacio - Mike Brost WA9FTS - Mary Lou Quinn - Jean Cone - Rose Kowols.

Gil, W9BUB, Chapter Secretary, reported that as has been Chapter policy, hams who join the National are listed in the Journal, are solicited for membership in the local Chapter. This quarter, 4 people were sent, letters but so far, no response. The awards from the National Headquarters have been received and will be awarded at the Annual Meeting in July at the Brunch.

Gil also reported that there were a number of members who have not yet sent in their 2003 dues. As in the past, members with unpaid dues by the 3rd Newsletter (mail in June) will be dropped and not receive the newsletter or be active members. If anyone knows these members (none were present) remind them of the need for paying their dues in order to continue to remain active.

Then dinner was served. The restaurant served its usual fine meal. Attendees had a choice of fish, chicken or beef. But it also includes salad (outstanding and all you can eat), soup, rolls, entrée, and desert.

The program featured the Ken Burn's program "America - Statue of Liberty". The program described the history of the Statue of Liberty. There were 2 main parts of the program. The first part described the technical side: the design and construction, how, what materials were used and why. It was most interesting to watch the assembly of the frame and then how it was covered. Then finally disassembled and crated.

The second part was the political side of the statue. The fact was that the US didn't want it and when it arrived, the US didn't know what to do with it. It sat in crates (over 200 as I recall) on the dock in Brooklyn. It finally became an embarrassment and money was collected to find a site and start the reassembly.

The tape was certainly an eye opener and should be seen by all.

Mike Brost WA9FTS, is to be thanked for bringing the TV and the VCR to show the tape.

The meeting closed at 9:30 PM.

Gil Kowols W9BUB - Secretary

Chapter 5, Delaware Valley

The Delaware Valley Chapter 5 had a meeting on June 21, 2003 at the Town & Country Restaurant in Bordentown, NJ. Vice Chairman Charles Davison K2DOV, opened the meeting (Chairman Sid Deitz W2FDE was away) with a welcome to the group and had each one present introduce themselves. The minutes of the April 7th meeting were read by the secretary and were approved. The treasurer was not present and no report was available. The secretary announced that a new member should have been announced at the last meeting along with the other new members. He is David C. Marden, Sr. KE2AG. His certificate and card has been sent to him by mail.

The speaker for the meeting was Dorothy Bargholz, Chief of the Elder Fraud Investigations Unit, Special Assistant to the Director of the Consumer Affairs Department of the State of New Jersey. Ms Bargholz has over 25 years of service with the New Jersey State Gov-



Dorothy Bargholz, Chief of the Elder Fraud Investigations Unit, Special Assistant to the Director of the Consumer Affairs Department of the State of New Jersey and Charles Davison, K2DOV, Vice Chairman of Chapter 5.

ernment having worked in the Attorney General's Office as well as the Governor's Office. Dorothy Bargholz manages the Elder Fraud Task Force and launched the Elder Fraud Investigations Unit in 1997. Her talk was on the frauds that happen to senior citizens on home improvements, the telemarketing scams that are present in everyone's life, the many offers that are presented by the finance and securities organizations, and on each subject, she presented tips on how to handle these kind of proposals and how to stay out of trouble. She presented a number of cases that had been investigated and how the victims had been swindled out of their life's savings in some cases. She also offered information on how one can check on the validity of charities, if the electrician or plumber or professional is licensed in the state and if there have been any complaints against the particular company in the past. Her talk was very informative to all and many questions were brought forth from the audience and answered by the speaker. Chapter 5 maintains a net on Sunday morning at 9:45 on 3917 kHz and all are welcome to check in. Also the Chapter has a web site at <http://www.crompton.com/qcwa5>

Chapter 7, Southern California

Chapter 7 held its spring meeting in May at the Long Beach Yacht Club. 24 members were in attendance and everyone enjoyed a delicious brunch. President Bill Hawley, W6ZRZ presided over the meeting. The highlight of the meeting was presenting anniversary certificates ranging from 65 years to 50 years. They were awarded to Larry D'Angelo AB6E, 65 years, Bill Hawley W6ZRZ, Vi Barrett W6CBA and Ed Fine W6ZVM 55 years and Glen Brower K6AWC 50 years. The meeting was concluded with a white elephant raffle.

Al Toll W6JNU -

Chapter Reports

Chapter 10, Michigan

On Saturday, May 03, 2003, members and guests of Michigan Chapter-10 were greeted by sunny skies and many fellow amateurs from around the State of Michigan at the annual Swap and Shop held at Cadillac, Michigan.

After the Swap and Shop, Chapter 10 members met for their annual business meeting and luncheon at the Waterfront Restaurant in Cadillac. Everyone enjoyed a wonderful buffet and visiting with old friends.

President Mike Hall WB8ICN, opened our annual business meeting. The minutes of the 2002 annual meeting and the Treasurer's report were read and approved. The next order of business was the election of officers which resulted in the following individuals being elected to serve for the ensuing year: President - Leo Woodard WD8DCA, Vice President - Lowell Corbin W8IQB and Secretary-Treasurer - Jim Bishop, W8JFB.



Newly elected officers of Chapter 10: VP Lowell Corbin, W8IQB; Pres Leo Woodard, WD8DCA; and Sect/treas Jim Bishop, W8JFB.

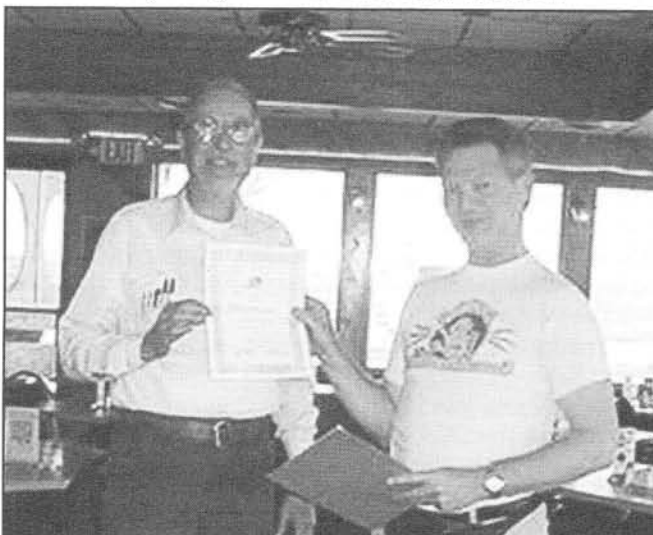
Continuous Licensing Awards were presented to: Thomas M. Sorrick W8IZS - 55 years, Lowell Corbin W8IQB - 50 years, and one QCWA Century Club Certificate was awarded to Donald F. Christensen W8WOJ. Congratulations on your achievements, we are all proud of you!

We were especially pleased to have long time member, Marion Stoner W8VWY, in attendance with his XYL, Beverly K8ZJU.

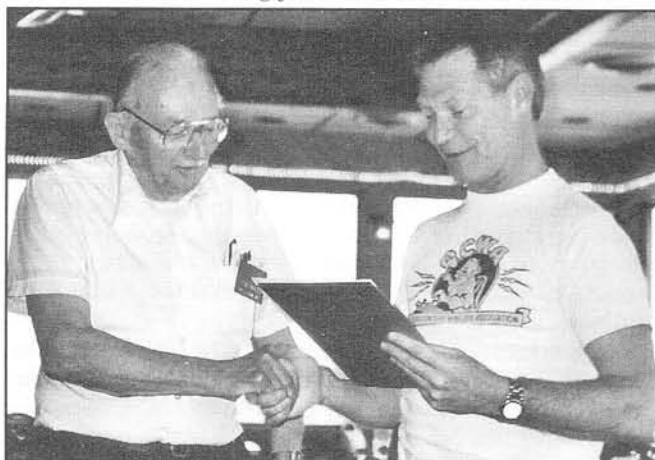
A date of Wednesday, August 13, 2003, was chosen for our annual Chapter 10 picnic, to be held at the Kenwood Park at Cadillac, Michigan, commencing at 12 o'clock noon. All members are encouraged to obtain further details by joining our regular net, held on every Sunday morning, starting with a pre-net at 7:30 AM, EDT, with the regular net convening at 8:00 AM, EDT. Please join us for lots of "words of wisdom" and good friendly fellowship.



Don Christensen, W8WOJ, receives his Century Club Certificate from Pres Mike Hall, WB8ICN.



Lowell Corbin W8IQB, receives his 50 year certificate of continuous licensing from Pres Mike Hall WB8ICN.



(Left to right): Thomas Sorrick W8IZS, receives his 55 years of Continuous Licensing Award from President, Mike Hall WB8ICN.

The next annual meeting will be held in 2004 in conjunction with the Cadillac Swap and Shop, with our annual meeting/luncheon to follow at the Waterfront Restaurant. Specific dates and times will be announced on our regular net as soon as they are established.

A hearty thanks was given to all of the outgoing officers for their dedication to Chapter 10. Those officers were, President - Mike Hall WB8ICN, Vice-President - Leo Woodard WD8DCA, and Secretary-Treasurer - Currin Skutt W8FSZ. Thank you for a job well done!

The pictures are of the award presentations and the newly elected officers. Members and guests that were in attendance were: Tom Sorrick- W8IZS, Peter Hansen- W8TWA, Don Christensen- W8WOJ, Dan Owen- K8GBC, Lowell Corbin- W8IQB, and his XYL-Robin, Ike Hagen- W8GUS, Leo Woodard- WD8DCA, and his XYL-LeeAnne, Doug Almquist- WB8VOF, Jim Bishop- W8JFB, and his XYL- Stella, Myriam Gregg- K8ILN, Beverly Stoner- K8ZJU, Marion Stoner- W8VWY, and Mike Hall- WB8ICN.

The meeting was adjourned and all in attendance had a great time and a safe trip home.

James F. Bishop W8JFB - Secretary-Treasurer

Chapter 11, Northern California

Chapter 11 NORCAL (Northern California) meets on the third Wednesday of each month for lunch at Harry's Hofbrau, in Redwood City, CA, on El Camino Real just north and west of the intersection of Highway 84 and El Camino Real. We gather for fellowship at 11 AM in the bar area and start lunch about half an hour later. Meetings are very informal. Please come and join us!

Please read the Chapter 11 website at www.qsl.net/qcwa-11 for more information about the Chapter and its activities.

Feel free to contact me if I can help you.

Brad Wyatt K6WR - Acting Temporary Emergency

Chapter 14, San Diego, CA

Our winter Sunday brunch meeting was held as usual at the Belview restaurant on the Marine Corps Recruit Depot Officer's Club on January 12, 2003. There were 25 in attendance including wives and guests. The dining room opened at 11 AM. People started arriving at about 10 AM and enjoyed socializing, checking out raffle prizes and purchasing raffle tickets until confronting the delicious and sumptuous buffet.

Following the buffet Deputy District Attorney, Paul Greenwood, presented us an interesting program. His department was established because of the many elderly abuse cases that came before the District attorney. Often, the abusers were close relatives of the victims. The abuse took the form of physical, mental and financial.

After the program our president, Pat WA6MHZ ably assisted by treasurer Jack W6JIR raffled off the prizes. This has been a popular part of our meetings with a good selection of prizes that really are prized by the recipients.



In the photo from left: Art Goddard, W6XD and Jack Pletcher W6JIR, Chapter 14 Treasurer.

Our Chapter 14 Net has changed from two-meter simplex to using the Mt. Otay two-meter repeater (146.640-with PL107.2). The time is the same Wednesdays at 8 PM. Net Control at the present is shared by Del, N6JZE and Joe, K6CD.

Visitors Welcome! We welcome visitors to our meetings. Our next meeting is scheduled for Sunday May 18, 2003. If any QCWA members plan to be in the San Diego area at that time, Chapter 14 would be very pleased by a visit to our brunch. Contact Jack at tel 619-222-6647 or email me at n6bas@juno.com.

Reuben Onstad, N6BAS - Secretary

Chapter 18, Findlay Area

The Findlay Area QCWA Chapter had its quarterly meeting at this year's field day site, Van Buren State Park in Van Buren, Ohio, just 5 miles north of Findlay.



QCWA Meeting during W8FT Field Day Effort. Pictured from left to right: Jay Edel WN8HHJ, Don Trinko WD8PTB, Duke Curry W8AFR, Don Elsea KC8HC, and Larry Foster K8BBQ.

Chapter Reports

Those in attendance but not pictured included: Bill Kelsey N8ET, Dick Davies K8IVP and Jimmy Sorrells WA9ABB.

Members enjoyed fellowship and a picnic lunch courtesy of W8FT. They also assisted with Field Day set up. Conversation revolved around previous field day efforts, first field day experiences and DXing expeditions.

The next meeting was slated for Saturday, July 26, 2003 at the Woodland Restaurant, S. Main St., Findlay, OH

Jay E. Edel WN8HHJ - President

Chapter 21, Canton, Ohio

Chapter 21 celebrated its 40th Anniversary on May 24, 2003, with a dinner at The Canton Woman's Club, Canton, Ohio. Thirty-three members and guests attended the event.

The Canton chapter was organized in 1963 by twenty area hams. Only two charter members remain: Ralph Schoener W8TPS of Coshocton and Myrhl Lemley W8MND of Louisville. Schoener attended the dinner, and Lemley sent greetings to the group. The chapter covers Stark County and the surrounding counties.

President Perry Ballinger W8AU presided for the program. Awards were presented to Harold Davis W8NNS for being licensed for 50 years, anniversary and continuously licensed, and the Century Club. QCWA Meritorious Awards for 2002 and 2003 were presented, respectively, to Nelson Caley W8EAR and Joseph Vignos W1FEZ for their service to the chapter. Caley has served the chapter as an officer and director for 18 of his 25 years in the chapter. He has served as vice president and president for two terms each. Vignos,



Harold Davis W8NNS (L) receives the 50 year anniversary, continuous licensing, and Century Club awards from president Ballinger W8AU. Photo by W1FEZ.



2002 Meritorious Award given to Nelson Caley W8EAR (L) by president Ballinger W8AU. Photo by W1FEZ.

past president, became editor in 1997, and later web master.

The president called attention to two Silent Keys recently: James Norman W8RYW, QCWA #19671, of West Lafayette, Ohio, on March 18, 2003, and Lyle Gray W8EUK, QCWA #3544, of Dover, Ohio, on March 21, 2003. Gray was a charter member and first president of Chapter 21. The chapter's 70 years anniversary certificate for 2002 had been sent to him. Ed Gammeter W8CSU was presented the QCWA 55 years certificate on May 16, 2003. Charlie Scott K8BYC was presented the chapter's 70 years anniversary certificate for 2003.



The 55 year certificate given to Ed Gammeter W8CSU (center) by (L to R) David Glass W8UKQ, Joseph Vignos W1FEZ, Dorothy Gammeter, and Ed Clinger WA8DRT. Digital photo by Ed Clinger.



President Perry Ballinger W8AU greets Chapter 21 charter member Ralph Schoener W8TPS (L) at the 40th anniversary dinner. Photo by WIFEZ.



2003 Meritorious Award given to Joseph Vignos WIFEZ (L) by president Ballinger W8AU. Photo by WIFEZ.

David Raines KE8HA of Akron is a new member of the chapter.

Vice president Kay McCune W8LNK introduced David Glass W8UKQ, chapter historian and secretary, who described the history of the chapter with documents, pictures, and video clips. He used a time line to relate various events and to introduce members who also recalled events in the history. The first meeting of

the chapter was June 14, 1963. The earliest newsletter available now was published in May 1973. The chapter hosted the 1991 national QCWA convention in Canton, chaired by John Edel K8LBZ. Edel was also a national director for nearly 10 years. In 2000, Vignos, editor and past president, set up a web site for chapter information and newsletter distribution electronically. It may be found at <http://www.cmh.net/qcwa>.

The meeting closed with the showing of two video clips of the 1988 25th anniversary program and the 1991 convention.

The board of the chapter also includes directors Stanley Smith WA8NZE and Ed Clinger WA8DRT.

David Glass W8UKQ - Secretary

Chapter 35, Mid Continent

First, we wish to express our gratitude to WØGJG, Cass Cas sing, who for several years has edited the Chapter 35 Report. We are beholden to Cass for his fine work and owe him a big THANK YOU! Cass, always the "good humor guy", uses the phonetics - Gnat Juanita Gnat.

The Mid Continent Chapter is unique in that we have two informal lunches each week. On Mondays we meet on the Kansas side of the line at Pumpernicks and on Thursdays we meet on the Missouri side at the 103rd Street Waiids. All are welcome. We especially enjoy hosting members from other chapters.

It is with profound regret that we announce the loss of one of our founding members, Mayo "Mac" McAllister WØCW. He was a "hams' ham", well known to the DX community. He was first licensed in 1934 as W9UQV

Upon graduation from high school he attended the Kansas City Community College. Then came WWII. He took a civil service appointment to the U.S. Army at Wright Field, working with the Communications and Navigation Group. He was then assigned to the U.S. Army Air Corps. Finally the Office of Strategic Services (OSS) "requested" his services. He was given a rating equivalent to first lieutenant.

After WWII he joined the Pennsylvania State University engineering department where he did wind tunnel research and taught UHF techniques. There he met and married Jeanne Walters. Jeanne, who now survives him, holds the amateur call, WØJJC. Shortly thereafter they moved to Kansas City, established a home and a business, and have lived here ever since.

DX, especially CW / DX, was Mac's favorite part of amateur radio. Many of you "old time" DXers will recall some of the rare countries that he and his friends put on the air. For example, Mac along with WØAIW (now WØAR) and WØFNO (SK) put the French islands of St. Pierre & Miquelon on the air. This was in 1951. The call was FP8AN.

In 1956 the island of Socorro (500 miles west of the Mexican coast) was on the air as XE4A. Mac was with this group too. They had quite an adventure involving a hurricane. (See: QST - August 1956; Socorro Island - 1958 by Lee Bergren, WØAIW and Mike Carmichael, MD, WØMAF (SK).

1959 - July - Mac and Jeanne, WØJJC, along with two amateur operators from Rome. Operated out of an old castle in San Marino as IIZFF/MI. San Marino is the smallest republic in Europe, covering only 23 square



Mac McAllister W0CW, operating FP8AN on St. Pierre/Miquelon.

miles. The most difficult part of the adventure was getting Mac's radio gear out of Italian customs in Rome before driving to San Marino!

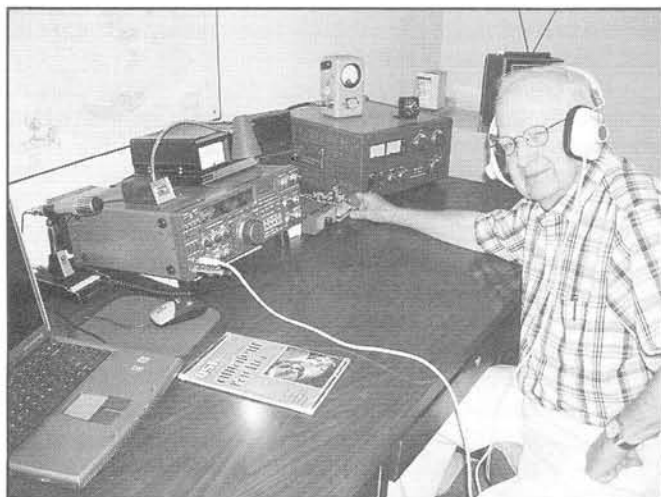
Later the McAllisters put several of the Caribbean islands on the air.

Among Mac's other interests was aviation. He was an officer in the Civil Air Patrol. He served in all of the various offices in Chapter 35 - some of them twice. All his many friends and family will sorely miss him.

Bill McGrannahan - Director QCWA

Chapter 41, Dallas

The membership of Chapter 41, like most chapters, is comprised of many senior members of the amateur radio family whose employment or other circumstances necessitated moving from one call area to another resulting in the required change of callsigns reflecting the new jurisdictional area. Some operators moved many times; others not at all. Those who retain their original call issued many years ago while appearing to be in the minority find themselves in a distinctive category. One such is chapter member Barney Moffatt who was licensed as W5CJZ in 1932 in Oklahoma and who has



Barney Moffatt W5CJZ.

been actively making that call known around the world for 71 years almost entirely on CW. He holds the DXCC award with more than 325 countries confirmed. He has designed and built many radios from scratch and is an excellent aluminum fabricator resulting in very professional appearing gear.

Barney retired from Braniff Airways after 40 years in the airline business. His expertise in avionics took him all over the world - often on very short notice as a result of an urgent telephone call announcing a problem grounding a plane. Asked if there was one single problem that bothered him the most, he replied, "Yes, cigarette smoke in the air circulation system that gummed up the radio equipment."

Generous of his time, Barney has been a volunteer for many years at Reading & Radio Resource in Dallas in providing books on tape to the visually impaired. He has also held various leadership positions in Chapter 41. He and his wife Lil reside in Dallas.

Bob Olney N5NT - Recording Secretary

Chapter 45, Citrus

One of the grand old-timers of Amateur Radio became a Silent Key on March 29th, 2003. Mert Crichton, W4PGT, had been a ham since 1921 and was active until very recently. Chapter 45 is proud to have been able to present Mert with his 80-year plaque in January of 2001. Mert was first licensed as 8BRM in 1921 and has been an active ever since with a confirmed DX total of 283 countries, many of which most likely no longer exist. In the early 20's, station and operator licenses were issued separately. Mert received his operating license April 23rd, 1921, signed by Secretary of Commerce Herbert Hoover. The station license was issued September 10th, 1923.



Presentation of 70-year certificate to Walt Maxwell W2DU (r) chapter President Al LaPeter W2AS (l).

His first receiver was the old classic; a galena crystal with a wire wound Quaker Oats box and a pair of headphones. As detailed on the station license, the transmitter was 200 "CW watts" spark gap operating 176 to 200 meters. Mert's father, a Postal Telegraph operator, fostered early interest in electronics teaching him and a friend Morse and Continental codes at the kitchen table in the evening. From this introduction into communications Mert worked for 45 years with the Pennsylvania Bell System, retiring as Circuit Layout Engineer. He maintained close communication ties with his old friends in the Keystone state through the "Old Goats Network" at 7:00AM.

Walt Maxwell W2DU, was unable to be at the February 2003 Chapter meeting to receive his 70-year Gold certificate. Al LaPeter W2AS, the Chapter President, presented it at the March meeting. Walt's latest book "Reflections II" has recently been published, expanding the first edition, a classic work on the "care and feeding of transmission lines". Walt and his XYL Jean divide their time between the Deland Florida winter home and a summer residence in Michigan

A shortage of suitable meeting areas in the local restaurants during the lunch hour on Saturdays has caused Chapter 45 to schedule the monthly meetings on the third Wednesday of the month. The meetings are held at the Picadilly Cafeteria 1840 E. Colonial Drive in Orlando Florida. The members usually start to gather about 11:30AM. The formal business meeting starts at about 12:30PM

Several of our members are still working and unable to attend the scheduled meetings. The Chapter is scheduling quarterly informal meetings at a local buffet restaurant on a Sunday. Two meetings have been held to test the idea and both have been well attended. The next meeting will be on September 7th at 1:00 PM. All are welcome to have a get-together with us. The food is good and the fellowship is warm.

For information about the Chapter activities join our net on repeater W4PLA. 147.195 MHz at 1930 hours local time each Tuesday.

Paul A. Turner W1DLP - Secretary

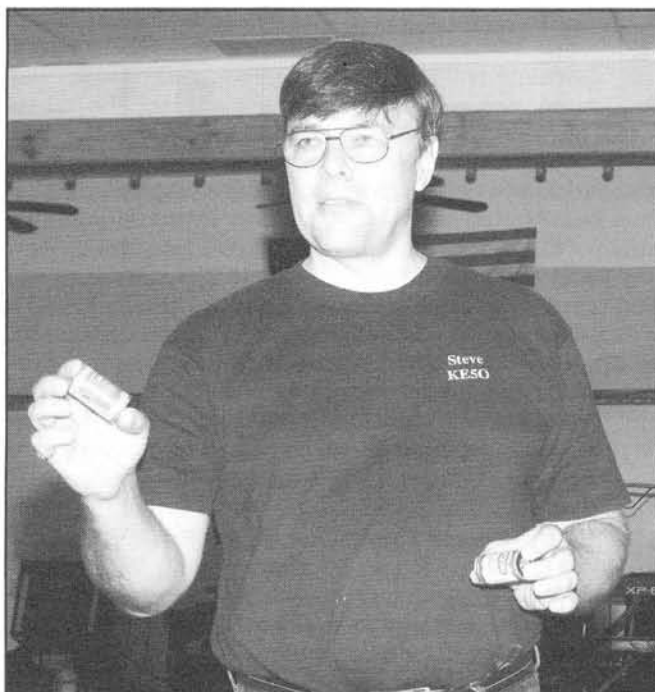
Chapter 51, Tex-La Golden

Our April and June meetings were held at Dorothy's Front Porch Seafood Restaurant and our May meeting was held at Landry's Cajun Eatery. There were 19 to 29 members and guests present. At our April meeting Wes Spence - AC5K talked about maintaining interest in amateur radio. He suggested the following things one could do to keep up or revitalize their interesting in amateur radio:

- Repair and optimize your station
- Chase an award
- Participate in a contest.
- Find friends within the hobby with similar interests.
- Participate in an operating event.
- Try a new mode.
- Try QRP
- Collect something.
- Try something artistic
- Try your hand at homebrew.



Wes Spence AC5K shows off a home-brewed dipole antenna support.



Steve Gomez, KE5O showing a 1930's vintage D battery that he added to his collection from eBay.

- Put HF or VHF in your car.
- Emergency preparedness.
- Be an Elmer.
- Assume a leadership role.
- Write an article.

Invent something. At the June meeting Johnny Carter-N5IUD and Steve Gomez-KE5O talked about buying and selling on eBay. After a brief history of the "digital flea market" they shared some of their secrets for winning an auction. There was no formal presentation at the June meeting, just good food and fellowship.

Dub George, W5DUB - Bulletin Editor

Chapter Reports

Chapter 53, Suncoast

Suncoast Chapter 53 members and friends were shocked and saddened to learn of the sudden passing of our Past President, Frank Schwab-W8OK on 30 May 2003. Frank and his wife, Carolyn, faithfully attended our chapter meetings during their winter months on the Florida Suncoast. Frank, who was president of the Dayton Amateur Radio Association when the idea of the Hamvention was conceived in 1952, was an avid DXer and CW aficionado, as well as being a very jovial and likable guy. News of his passing spread rapidly through the Amateur radio world via the QCWA e-mail reflector, the ARRL Letter and all the DX bulletins. Our sympathy goes out to his family at their loss.

Following the business meeting at our 03 April 2003 luncheon meeting, Bob Avrutik-N1RA discussed the extensive efforts he has been expending to get amateur radio licenses and personal permission to operate HF amateur radio aboard a cruise ship and in foreign ports-of-call. Bob's Bahamian license, C6ARA/MM, will be used on the high seas and he will be N1RA/MM in the territorial waters of CEPT nations. Bob also showed off some hardware he has built that will facilitate shipboard operating. Perhaps some QCWA members gave Bob a QSO on phone or CW during his July-August cruise. The 07 May meeting was the final organized luncheon/meeting of our chapter until October 2003. As such, the program was short and sweet, as 50-Year Licensing pins and certificates were awarded to Hans Napfel-WB2ZZB and Bob Modrcin-W0LEY. The first informal summer lunch of Suncoast Chapter was held 04 June at the Galaxy Restaurant in Venice, FL, and 12 chapter members and family members attended. Ken Anderson-W4JQT was presented his 55-Year Licensing pin and certificate, as Ken was out of town for the May meeting presentation. We are happy to report that both our membership and meeting attendance are remaining steady in these days of declining interest in organized affairs.

Suncoast Chapter 53 has a luncheon meeting the first Wednesday of every month-October through May-11:30 AM at Denny's, 3701 Bee Ridge Road, Sarasota, FL. NOTE: This is a change from our long-time schedule! All QCWA members living in, or visiting the Florida Suncoast area, are always welcome.

Jack Sproat W4JS - President

Chapter 55, Wisconsin

Chairman Verne Teske W9RYA opened the dinner session at noon with a prayer of remembrance for recent Silent Key members and non-members alike, and for members near and far who are struggling with problems of health.

The dinners served by the Bayside Restaurant in Beaver Dam was greeted with great favor by all twenty-eight in attendance. The dinner consisted of generous portions of baked chicken and ribs, mashed potatoes and gravy, dressing and corn dishes finishing with ice cream desserts topped with strawberries and chocolate syrup...all accompanied by a great view of Beaver Dam Lake dotted with a few shore land fisher-folk, a very welcome pastoral setting for our meeting. Verne

thanked Duane W9BCV who lives in Beaver Dam for handling all arrangements with the Bayside.

Verne introduced Dr. Stanley Kaplan WB9RQR, Wisconsin State Coordinator for Amateur Radio Emergency Services (ARES) and Wisconsin State Chief Radio Officer for Radio Amateur Civil Emergency Service (RACES). Stan's very thorough presentation emphasized several key differences and similarities in the ARES/RACES organizations. ARES, an ARRL sponsored program, was founded in 1938 and can provide emergency communications for any public or private (non-profit) agency. RACES was started in 1952 by the Federal Emergency Management Agency (FEMA) for civil defense purposes and regulated by the FCC. Evolving over time, RACES is now administered by state governments and in Wisconsin by (WEM) Wisconsin Emergency Management. RACES can provide emergency communication ONLY for government (municipal, county, state or national) organizations. Stan initiated, and with assistance from many others, rewrote the book dealing with how these two groups could be combined to work efficiently with one another and with governments without stepping on each other's rules of procedure. Stan invoked three rules for goal accomplishment...training, training and TRAINING! No exceptions. EVERONE in the program must be trained to work with each other and between groups, including government to provide emergency communications whenever and wherever needed in Wisconsin. Toward this end, all ARES hams also became RACES operators and vice versa...through training and cross training they earn seamlessly interchangeable skills while at the same time learning the language of government departments with which they must work to provide necessary emergency communications. Stan briefly explained the training mission and methods for implementation that include participation in runs, parades, nets, regular meetings, ARRL EmComm programs I, II, and III (<http://arrl.org/cce> and ARES/RACES programs (<http://wi-aresraces.org> with links to FEMA courses and others). It was a very clarifying and instructional presentation by Dr. Stan. Thank you!

Verne introduced Larry WA9JMO, who proposed Chapter 55 host the national QCWA convention for 2004. Larry elaborated on his proposal as published in the newsletter mailed to Ch. 55 members in April. After much discussion dealing with which of our members could devote some time and effort to the organizing of the event, the proposal was brought to a vote and failed to receive approval by the members present. Larry said that he would so advise the national QCWA committee.

Following these two great presentations, Verne commenced the business meeting using a suggested agenda furnished by Jack W9JK, with following result:

-Voted and approved a dues increase from \$5 to \$6 to help cover newsletter costs and possible provide funds for door prizes at future meetings.

-Voted and approved to change Chapter 55 officer elections to the October meetings with officers assum-

ing their elected post immediately following the election results.

-Tabled a suggestion that Chapter 55 offices of treasurer and secretary be combined.

-Tabled a suggestion to form an auxiliary Chapter 55 group comprised of hams that have been first licensed less than 25 years ago in interest of attracting "new blood" to the chapter. -Tabled an appointment for Historian. Jack W9JK is reviewing Chapter 55 photo album to ID some untitled photographs take at meeting over the years, pending formal Historian appointment.

-Appointed Larry McCalvy Chapter 55 program director responsible for future meeting program arrangements. -Ted WA9RDI, treasurer presented his bi-annual report which was approved and accepted.

Meeting adjourned 3:45pm.

Chapter 64, El Paso

We continue to hold our noon luncheon meetings on the third Saturday of each month at Bucks Bar B Q at Dyer and Sanders Streets, El Paso TX. Visitors are always welcome

We have some good news and some bad news to report. The good news is that we welcome Woody (Ralph Wood) K5DGZ as a new life member in our chapter. Woody and his wife have moved to Las Cruces, NM after living in Tucson, AZ for many years. Prior to Tucson, Woody lived in El Paso so has many friends in this area. We are surely happy to have him back among us.



Woody receives his Life Membership Certificate from chapter secretary Manny Gonzalez W2BFI.

Woody receives his Life Membership Certificate from chapter secretary, Manny Gonzalez W2BFI.

The bad news is that we had to say good-bye to Bob Reed WA2ZOU, as he has been deployed to Korea for a year. Bob has been very active in ham radio during his stay in El Paso and has spent many hours helping folks with antenna repair or anything they needed assistance with. We'll all miss Bob and wish him a safe tour and look forward to his return.

Manny Gonzalez W2BFI - Chapter Secretary

Chapter 65, Niagra Frontier

The Niagara Frontier Chapter 65 continued to meet for its monthly luncheon on the second Saturday of each month at the Flying Tigers Restaurant throughout the summer. Our weekly SSB net runs each Sunday at 1:30PM on 3.900 MHz with Club Station W2SD as control.



Photo by W2AET

Tom Whalen W2QI - Chapter 65 President, was recently inducted into the Buffalo Broadcasters Hall of Fame. He is the first technical person so honored. Tom was a broadcast engineer for WBEN Radio in Buffalo for 36 years. At the photographer's request, W2QI brought his award to the June 2003 Chapter luncheon and sat down amid WW-2 pictures in The Flying Tigers Restaurant alcove. Beside the award, he stationed himself in front of the classic RCA broadcast mike, the DX-77 and a WW-2 vintage brass key. Tom worked radio circuits from China during WW-2 and served at the very location the restaurant tries to recreate.

Longtime chapter member, Hank Kuhn W2IRU (ex-W8IRU) relates how it pays to enter QCWA national contests in more ways than one.

In 1933 he corresponded with a Tom Jones in Richmond, Virginia. They were high school kids interested in ham radio. Both received their tickets, but never worked each other, nor heard from each other again. Contact was lost for over 50 years. Then, Hank and his XYL Margaret had occasioned to visit Richmond in 1989 and renewed contact with a pleasant lunch and eyeball QSO. But it wasn't until 70 years later, during the April 5, 2003 QCWA contest, that the two actually made an over-the-air CW QSO on 40 Meters. The 2003 contact between W2IRU and W2JM was purely by luck and nothing was pre-arranged!

Bob Rooney W2AET - Secretary



**Ideas are a dime a dozen.
People who put them into
action are priceless**

QCWA CONVENTION 2003
October 17-19
YOUR HOST: DALLAS CHAPTER NO. 41
TALK IN: 146.61 MHZ (-)

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Rates are \$74.00 per night plus tax (13%) = \$83.00 per night. U.S. Dollars

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Cavanaugh Flight Museum

LADIES: Shopping Trip for Jewelry & Clothes

Ladies Luncheon with Entertainment

FRIDAY: Reception, 4—6 PM (cash bar) *PRIZES

Texas BBQ Dinner with Entertainment

SATURDAY Evening: Banquet with Speaker

Sunday Brunch: No Host

QCWA CONVENTION 2003 October 17-19

Registration Form

DALLAS

CHL 41



mail-in registration

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Banquet: Steak _____ Chicken _____ @ \$32.00 Total _____

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Chapter Reports

Chapter 67, Austin-Round Rock Area

Milt Cram W8NUE, assumed the office of President from Dr. George John W5TXP at our monthly meeting in April. The new Vice President is Bil Henson WB5SYS. Roger Wines W5WIA is Treasurer and Keith Zimmermann K5WX, is Secretary.

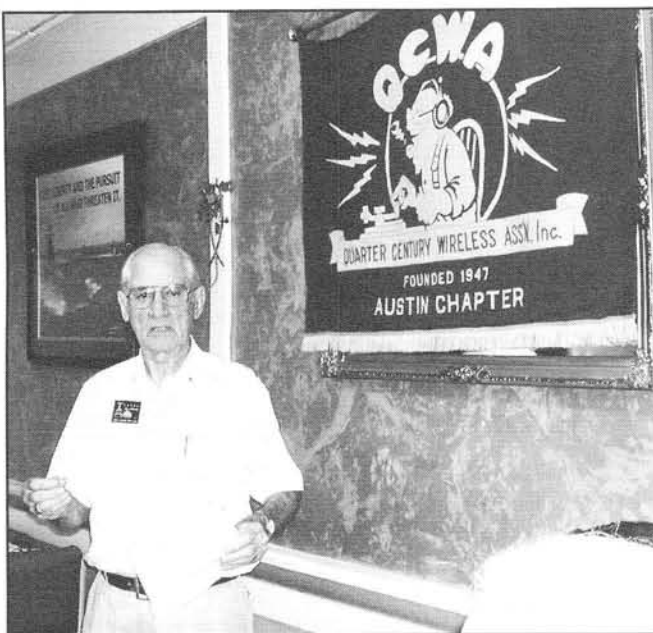
Chapter 67 has been meeting on the third Saturday of each month at 11:30 AM at Bevo's Restaurant on the north side of Austin. Milt, W8NUE, received the QCWA 50-year Service Award at our May meeting. Vice President Bil Henson, WB5SYS, presented the 50 Year Certificate and Pin to Milt.



Vice President Bil Henson WB5SYS (Left) presenting the 50-year certificate to President Milt Cram W8NUE (Right).

A renewed effort is underway at Chapter 67 to attract new members and to promote QCWA within the Central Texas area. The Chapter has proposed to organize and operate the Food Booth (breakfast and lunch) at the Swap Fest Roundup planned for Fall of 2003 in Austin. Chapter members are also working to reinvigorate the weekly 75-meter net on 3922 KHz. In addition, initial tests have been conducted for an on-the-air code practice session for local amateurs.

The June meeting was an opportunity for members to review the history of Chapter 67. Hal Henegar W5MDL, presented a photographic history of our chapter. (See photograph #2) Hal has held every office possible within Chapter 67 over the past 25 years! He is currently one of the Directors serving on the Board of Directors of Chapter 67. Although a number of Chapter members were attending the Annual ARRL Convention in Arlington, Texas, a good turnout was still present for Hal's inspirational talk. Hal covered not only the history of Chapter 67, but his own long history in amateur radio starting in Hugo, Oklahoma, progressing through Plainview, Texas, then to Oklahoma City, and eventually to Austin, Texas.



Hal Henegar W5MDL, talking on the history of QCWA Chapter 67 at the June meeting.

Stuart Rohre K5KVH, a notable local QRP and QCWA person, helped to organize and direct the Austin Amateur Radio Club's Field Day activities this year. It was another impression operation this year.

Keith, K5WX, has been perusing the archives of Chapter 67 and finding some real historical treasures. Keith discovered Bill Swearingen's W5UJ, personal account of his history in amateur radio. Bill was one of the original charter members of QCWA Chapter 67 in Austin almost 30 years ago. Bill began in 1922 in Lockhart, Texas with the call sign 5UJ. At that time, the University of Texas had begun operating an experimental broadcast station using the call 5EM. In testing the UT station, frequent contacts were made with Bill - first operating on spark and later on cw.

In the fall of 1923, Bill entered UT but according to his account, "could only peep through the door at the equipment". The next year, Bill recalled that "the old gang" had graduated and he finally got his hands on the equipment. Bill describes running telephone wires to the "old gym and to the new Memorial stadium". In 1925, he helped broadcast the last few football games of the season and believes that it was the first voice broadcasts of football in Texas. (The Texas A&M Aggies, according to Bill, had been broadcasting the Thanksgiving Day games in code before that!)

The written account was electronically scanned by Keith K5WX, and forwarded to the University of Texas at Austin for their historical archives of their amateur radio station.

Keith Zimmermann K5WX - Secretary

Chapter 70, National Capitol

The chapter held its second quarterly dinner meeting at the Carlingwood Family Restaurant. We had 43 members and 2 guests in attendance.

George Roach VE3BNO, QCWA Director and long time Chapter 70 member, awarded pins to 8 new QCWA members who were present.



Left to right: QCWA Director George Roach VE3BNO with new members Bill Wilson VE3NR who was awarded a 55 year pin and certificate, Graham Ide VE3BYT a 40 year pin and Ken Willing VE3CV who received his 50 year pin and certificate.



Left to right: Director George Roach VE3BNO with new members Bill Bruyn VE3JBW and Marg VE3QE and Don VE3JNN Heaslip.

What do you do when you hear strange signals on our amateur bands? Some may be legitimate but many are not. Our guest speaker, Martin Potter VE3OAT who is the Region II Intruder Watch Coordinator, told us about the International Amateur Radio Monitoring System.



Left to right: Director George Roach VE3BNO and new members Dick Bonnycastle VE3FUA and Bert Barry VE3QAA who was awarded his 55 year pin and certificate.

Its objectives are:

- 1) To collect and analyze information about cases of interference to amateurs by non-amateurs.
- 2) To get those sources of interference removed from the amateur bands.

Our objectives are achieved by working very closely with National Amateur Radio Societies who are members of the IARU. We are not always successful but Martin told us of numerous cases where intruders were removed. The monitoring system is not a police force. It has absolutely no authority to enforce radio regulations and neither does the International Telecommunications Union. Enforcement falls under the individual country's administration of their national telecommunications.

Many of our bands are shared with other services. The bottom 250 kHz of the 20-meter band and all of the 15, 12 and 10 meter bands and all of the bottom 2 MHz of the 2-meter band are exclusive amateur. Any non-amateur signal you hear on these bands is an intruder. But the other bands are much more complicated and it depends on where you are located and where the apparently offending transmitter is located.

The guideline in the monitoring system is that any non-amateur signal should be reported. Then we let the monitoring system coordinators sort out which ones are truly intruders and which are not. If you hear an intruder the best thing to do is to report it. Make up a short report with the date and time, the frequency, mode of emission, signal strength and any identifying characteristics, i.e. number of channels, packet etc. and from what direction the signal is maximum. In Canada reports are to be sent to Don Moman, VE6JY who is the RAC system coordinator.

The best way for amateurs to keep amateur bands free of intruders is for amateurs to occupy those frequencies. If we don't use them we will lose them.

Chapter Reports

Chapter 73, Fred Hammond

Our Spring meeting was held on Saturday, 3 May 2003, at The Plainsman Restaurant. Five new members were welcomed: Len Morris VE3FJB of Orillia, Bill Catlender VE3ILE of Scarborough, Bill Ambler VE3CFY of Kincardine, Rob Hammond VE3EIL of Guelph and Bob Pattison VE3GVD of Goderich.

Chapter President Tom Atkins announced that one of our prominent members, Ray Hunter VE3UR known as "Uncle Ray" became a Silent Key.

As mentioned in our chapter report in the Summer 2003 issue, Bob Cooke VE3BDB, the Ontario South Regional Director of Radio Amateurs of Canada, inducted Tom Atkins VE3CDM into the Canadian Amateur Radio Hall of Fame.



Left Bob Cooke VE3BDB (Right) and Tom Atkins VE3CDM).

Vice President, Mary Card VE3FEB, presented a report recommending that Chapter 73 establish a scholarship program for relatives or friends of Ontario Amateurs, and announced that Rob Hammond of The Hammond Manufacturing Company has offered considerable financial assistance. This would allow us to offer two scholarships. A motion to proceed was carried and a committee will be formed to administer the program.

Our guest speaker was Dave Flarity VE3DVE, one of our members, who told us about the extensive activities of the Amateur Radio Emergency Service group in the Niagara Area.

Certificates were awarded to: Bill Loucks VE3AR, George Bridgeman VE3MMQ - Century Club, Ted Bodman VE3CD, Jock MacArthur VE3DJ - 70 years, Frank Edwards VE3ER, Puss Valeriote VE3DSC - 65 years, Jack Fortune VE3VO, Stan Treeby VE3HT, Al



Dave Flarity VE3DVE.



L-R Front Row: VE3ER, VE3CD, VE3AR, VE3VO, and VE3HT. L-R Back Row: Croft Taylor VE3CT - President QCWA, VE3ANU, VE3DBP, VE3BZU, VE3AGS and Harold Braun VE3DWH - CH73 Awards Chairman.

Vanderburgh - 55 years in 2002, Herb Lehman VE3BZU, Gord Moogk VE3DBP, Clive Oakes VE3YB, George Spencer VE3AGS, George Towns VE3NIJ, Bruce Underwood VE3ANU, Fred Wilkinson VE3AJW all 55 years, George Bridgeman, VE3MMQ and Martin Rosenthal VE3MR - 50 years.

Visit our Chapter Web Site: <http://www.kwarc.org/qcwa> Pictures and web site courtesy of Paul Cassel VE3SY

Our next meeting will be 4 October 2003 at The Plainsman

Keith Bentley VE3DHL - Secretary Treasurer

Chapter 76, Blue Ridge

At the May 7th meeting of Chapter 76, we were pleased to present Harry Mills K4HU, with his 80-Year Service plaque which makes him the 3rd member of our chapter to reach that distinguished mark. Harry's history was written up in the Summer 98 issue of the Journal but as a quick re-cap, he was originally licensed in 1923 as 8BHX and has held 10 calls in 9 states and Germany. During his long career, he's operated an AM broadcast station, gone to sea as a radio operator and had a venture in the retail radio business. During WWII, he was with RCA as a field engineer and was assigned to the Navy. Harry retired in 1972, but remains active repairing radios for local hams, handling estate sales as well as maintaining many on-the-air schedules with old friends. We wish him well and look forward to presenting him with an 85 Year Plaque!



Harry Mills K4HU receiving his 80-Year Service plaque

Chapter 76 meets twice a month (except December) on the 1st and 3rd Wednesdays for lunch. Normally, we have a guest speaker at the first meeting. If you're in the Hendersonville, NC area, stop by and break bread with us. The contact number is 828-891-4359.

Duke W4DK

Chapter 91, Vic Clark

March, Frank Stoda, KA4TRG, shows us the 911 call-taking facility for Fairfax County, VA: Frank is the manager/engineer for the county's Public Safety Communications Center (PSCC) in Annandale, VA. This was the second time that Frank has enlightened us on some aspect of emergency communications. Previously, Frank covered Virginia Task Force 1, a fast-response search and rescue team with international reach — see the Winter 2002 edition of this journal.

This time, Frank showed us how citizen calls to 911 are taken and help is promptly dispatched. In passing, Frank noted the dedication of the call-takers and the dispatchers: "Despite the relatively low pay scale and the abuse they sometimes get, some have been doing it for 20 years." Also impressive was the sophistication of the radio communications and networked digi-

tal systems that support these dedicated folks.

For the rest of the story, including photos and a panoramic view of the main operations room, go to: <http://homepage.mac.com/rucker/Jan->



Frank Stoda

[Mar_2003_events.html](#)

April, Bill Moneysmith, W4NFR, demonstrates panning for gold: Bill, W4NFR, a member of our chapter, and Bill's XYL, Lydia, joined us for lunch. After lunch,



Bill Moneysmith

Chapter Reports

Bill entertained us with stories and videos of their gold-panning adventures in Virginia and Arizona.

Bill told us that, before the Civil War, Virginia had over 200 gold mines, most of which were located along what is now Route 17. Since water typically runs in Virginia's creek-beds, Bill and Lydia rely on screens and "wet washing" (sluice box or hand dredge) to separate the fine sands and other small particles from the larger gravel. Since gold is 19 times heavier than water and 2 times heavier than lead, carefully swilling water around in a pan tends to wash everything else away leaving the gold flecks behind. Bill demonstrated the panning process, and you can see him in action by going to our web site at: <http://homepage.mac.com/rucker/chapter91.html>

Go to the "Recent Events" section of the Table of Contents and click on the link for Bill MoneySmith.

May, FCC's Bill Cross, W3TN, speaks: President John Johnston noted that the FCC's invitation to the Dayton Hamvention arrived too late this year to make the necessary arrangements, so the traditional FCC forum was not held. Instead, the members of Chapter 91 were treated to the remarks that Bill Cross, W3TN, representing the FCC's Wireless Telecommunications Bureau, would have presented at Dayton. As expected, his topics were the current issues before the FCC of primary interest to the amateur radio community. Thanks to member Lee Garlock, KD4RE, you can find a good summary of his remarks by going to our website

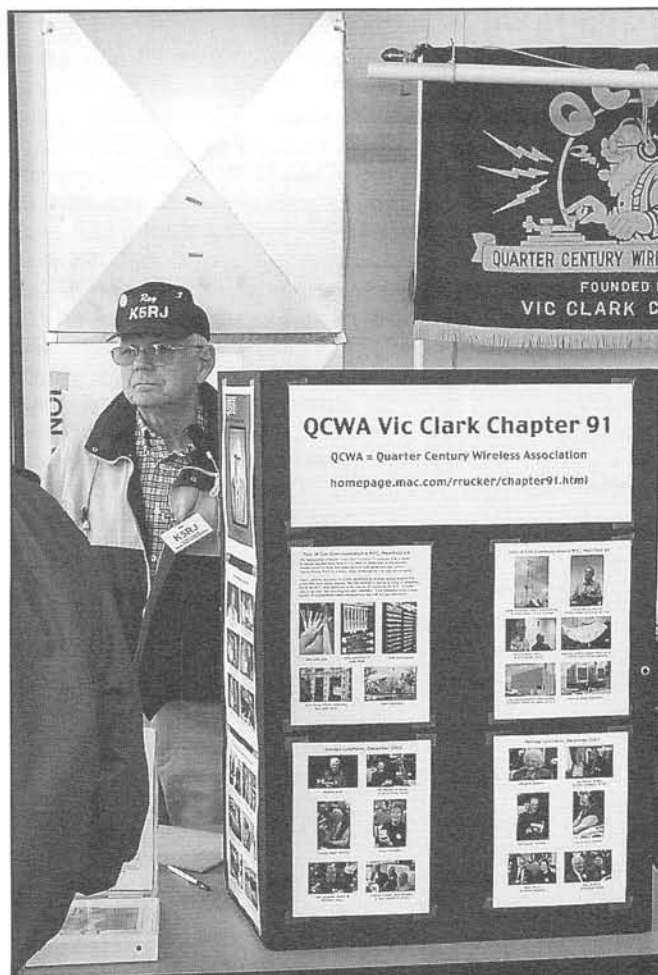


Bill Cross

(see above), to the "Recent Events" section of the Table of Contents, and there click on the link for Bill Cross.

June 1, Manassas, VA, Hamfest: Despite the record rains this May, the hamfest came off just fine with blue sky occasionally peeking through fast-moving clouds. This was the first time in recent memory that Chapter 91 has had a hospitality and recruiting table there. Good we did as we picked up two new members: Mark Johnson, W3ZI, and Phil "Pip" Sager, WB4FDT. In this photo, Vice President Ray Johnson K5RJ is flying our banner.

June 21, Frank Donovan, W3LPL, opens his antenna farm and contest station: Fifteen Chapter 91 members



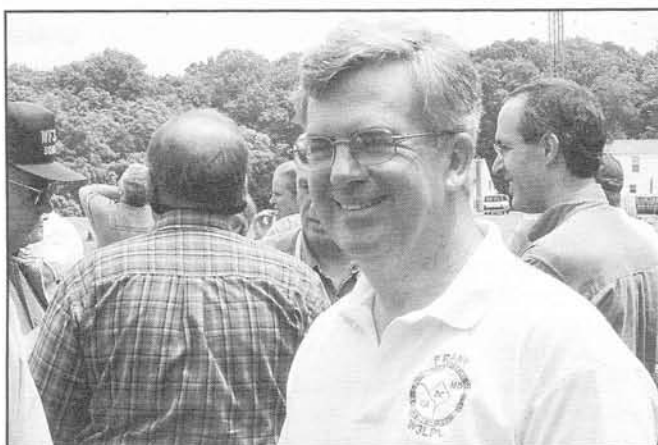
Ray Johnson

**THE JOURNAL IS AVAILABLE FREE
TO BLIND PAID-UP MEMBERS ON
AUDIO CASSETTE TAPE. FOR MORE
INFORMATION, CONTACT**

TOM CARTEN, K1PZU
(tfcarten@kings.edu)

or

BLANCHE RANGLES, W4GXZ
(w4gxz4@juno.com)
44 Western LN., Amherst, MA 01002
PH: (413) 256-0179



Frank Donovan

joined hams from several other organizations at an open house held by world-class contest operator Frank Donovan, W3LPL. This annual event, held at his handsome QTH in Glenwood, MD, has become very popular with area hams. For the story, see the lead article at: <http://homepage.mac.com/rucker/chapter91.html>

Since photos are worth a thousand words, also take a look here: <http://homepage.mac.com/rucker/PhotoAlbum32.html>

Click on any photo to see an enlarged version within an interactive slide-show window. Then click the right arrow in the lower right-hand corner to move to the next photo, also enlarged, in the sequence, or click the left arrow to move to the previous one.

Dick Rucker, KM4ML

Chapter 102, Dakota

Certificates of Appreciation were sent to the following chapter members, who operated as WØDAK during the Chapter 102 Special Event operation last February. Dr. Tom - N1ØI, Roger - KØROG, Dave - KØERM, Scott - WAØVKC and Cory - WØYMB. Roger won the Chapter's Traveling Trophy for the most contacts again; he will be able to keep it for another year. Scott - WAØVKC instructed a license class for the South Dakota School of Mines and Technology (SDSM&T) Amateur Radio Club (KØVVY). The class ended with 2 students, who tested and earned new licenses. Frank - NUØF presented a Traffic Handling and Message Format program for club members of the Hot Springs, SD ARC, during their meeting held on May 1, 2003. Dan - WØNBX and Frank were part of the VE test team who supervised exams at the SDSM&T on May 3, 2003; Test resulted in 1 Tech., 2 Tech., w/HF and General license. Frank was also on another test team, who administered exams at the SDSM&T on June 7, 2003.

Tony - K7TNY had a tower raising and antenna party for his new 88-foot tower, at his QTH in Gladstone, ND. He hopes to be better able to snag those rare DX stations. Cory - WØYMB is having fun with the QRP Rockmite Transceiver kit he built. Rig out-put is a half-watt. As of May 17th he has contacted 17 states with 31 contacts. Cory said it is fun and surprising what can be done with low power.

The annual Crazy Horse Volksmarche was held at the Crazy Horse Memorial near Custer, SD on 7 & 8 June. Black

Hills area amateur radio clubs again provided communications for this event, with 20 area hams assisting. Chapter 102 members Roger Kehm - KØROG and Scott Rausch - WAØVKC were among those participating. Day 1 of the march found approximately 3600 hikers facing rain, sleet and snow during the round trip to the top of the Crazy Horse Memorial and back to the starting point near the Visitors' Center. Day 2 brought improved weather conditions, with another 6000 hikers making the round trip. Amateur radio operators provided help to several of the hikers who requested assistance.

Who's Who in One Ø Two

Following are three hams from the same family, who belong to our chapter. Jesse Rausch-WØJR QCWA #31294, his daughter Jody Rausch-WBØQVE QCWA #31965 and son Scott Rausch-WAØVKC QCWA #31295



QCWA family members from right to left: Jesse Rausch WØJR, with daughter Jody WBØQVE, and son Scott WAØVKC with his original HW-100. Scott also reconditioned the Drake equipment.

Jesse became interested in radio and CW during WW II. He joined the Army Air Corps in April 1943 and served as a radio operator with the Army Airways Communication System in North Africa, the Middle East and in the Persian Gulf Command. After the war, Jesse returned home to the Agar, SD area and began farming with his dad and brothers. In the mid sixties, he purchased his first short-wave receiver, a National model number NC-190, and received his Conditional license in 1968 as WAØQPX. He upgraded to Extra Class WAØTZC in 1969. He also received his 2nd Class Commercial Radiotelephone license during this time. Jesse received his current call sign WØJR in 1977. He and his XYL Dorothy retired from farming in 1993 and currently divide their time between the farm and a home in Pierre, SD. Jesse's current station includes an FT-990 and IC-706 MKII, feeding an antenna farm consisting of a TH3MK3 HF beam, HF and VHF verticals, plus various HF dipoles and long wires.

Jody received her Technician license in 1975 while attending the University of South Dakota. After graduating in 1978 with a degree in Biology, she moved to southern California and received her MBA from Univer-

Chapter Reports

sity of California-Irvine in 1981. After working for Rockwell International for two years, Jody began a career in commercial real estate sales in 1985. She started her own mortgage and real estate companies in 1992; she continues to run her companies in California and will be expanding her business activities to the South Dakota area after moving back to Pierre, SD.

Scott became interested in radio and electronics in grade school while listening to his Star Roamer short-wave receiver and his dad's CW practice, and building many Heath and Knight kits. He received his Novice license in 1969 and later that year made a trip with his father to the FCC test session in Sioux Falls, SD, upgrading to Advanced class. He received his Electrical Engineering degree in 1975 from the SD School of Mines and Technology. Scott's career included technical and management positions in avionics with Rockwell International, Honeywell and Lockheed Martin until retiring to the Black Hills in 2001. He upgraded to Extra Class in 2002. Scott's current ham radio interests include HF nets, high speed CW, receiver design and restoration of vintage equipment, especially equipment he previously used while growing up back on the farm.

Roger Kehm-KØROG - Vice President

Chapter 112, Yankee

Our Annual meeting was held at Dewey's Restaurant on April 12, 2003. Twenty-seven members and guests attended. After our meal, a business meeting was held. Chuck Walbridge K1IGD, Secretary/Treasurer, presented the minutes of our previous meetings and our current bank account balance. Since this was our annual meeting, election of officers was held. Those elected, on a motion that the Secretary cast one ballot for the list of candidates, were: President, Charles Lukas, Jr. W1DOH; Vice-President, Bob Wallace W1HH; Secretary/Treasurer, Chuck Walbridge K1IGD; Board Mem-

ber - Activity Director, Harry Ketler W1DGD, and Board Member - Net Control, Dave Rego W1GCA. Continuing as Administrator - Sunshine Fund, Robert Smith W1XRA.

Chuck Walbridge presented initial information about the planned cruise for the 2005 convention. This cruise will leave from Seward, Alaska on August 21, 2005 and arrive in Vancouver, BC, Canada on August 28 and include a DX-pedition to Fox Island on August 19th to the 21st. This is open to 18 people on a first-come basis. Complete information will be in an upcoming issue of the Journal.

There are several Anniversary Awards to be acknowledged for this year. Fifty-year awards went to: Dave Rego W1GCA; James Morris K1UGM; and Robert Gildea W1ZFI. Fifty-five-year awards went to: James Hunter W1HCJ; Leonard Hart W1RGX; and Richard Brown III W1RRP. Sixty-five-year award went to William Burke W1LDG. Seventy-year awards went to Wes Randles W4COW (awarded at the 2002 Convention) and William Bowman W1HQW. In attendance at our Annual Meeting were W1GCA, W1HCJ and W1ZFI. Congratu-



Members receiving awards at meeting. Dave W1GCA, Jim W1HCJ and Bob W1ZFI

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lations to all these members!

A Meritorious Award was presented to Dave Rego W1GCA, acknowledging his efforts as the chapter's net control.

Steve Wedge W1ES, who spoke on the popular "eBay" web site, presented the program for the meeting. He covered some of the "how's and why's" and also the things to watch out for when bidding.

After drawing for the door prizes, the meeting was adjourned at 3 P.M.

On May 17, 2003, a meeting was held at the French Cable Museum in Orleans, Cape Cod. Twelve members and guests toured the station, which was built in 1891. After the tour, they had lunch at the Orleans Inn, on Route 28.

Chuck Walbridge K1IGD - Secretary

Chapter 126, Piedmont

19 people attended the Chapter 126 lunch meeting on Saturday June 21st at The Classic restaurant in Denton. During the business meeting, it was announced that our newest member is Kenneth Weeman WB2RFX of Archdale. One of our founding members, Val Valentine K4JO was at the meeting and announced that he is now 90 years old.

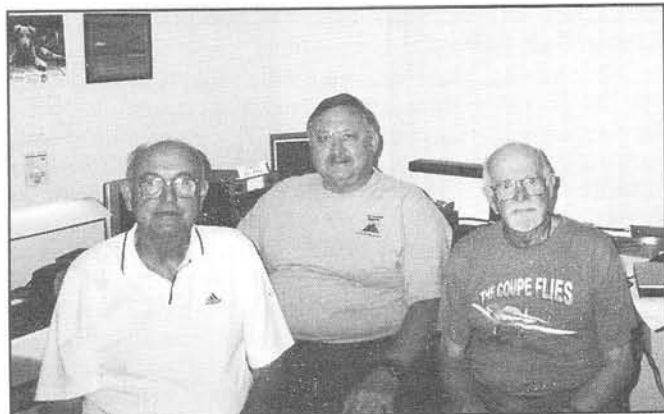
After the close of business, chapter vice president John Covington W4CC gave a presentation on QRP operating and kit building. John mentioned that some people operate QRP because of the challenge, or to reduce RFI problems, and use regular transceivers with reduced power. Others like QRP for portable operation or because they like to build things. John likes to build, and showed his recently-completed 40 meter RockMite transceiver, mounted in an Altoids tin; and an 80-meter receiver that is complete except for mounting in a chassis.

The next meeting will be in Durham on Saturday September 20th at a location to be determined.

John Covington W4CC - Vice President

Chapter 130, Inland Empire

For the 4th consecutive year, Chapter 130 participated in the Field Day activities. It was held at the home of Hugh Graham, W6HG, in Upland, California, about 40 miles east of Los Angeles. Emergency power (motor generator) was used and two operating positions were provided. Participants included Len Yeager K6SS, Phil Sedgwick N6CMF, and Hugh Graham W6HG. We used the call of K6SS.



Left to right: Hugh Graham W6HG, Phil Sedgwick N6CMF and Len Yeager K6SS relax during field day activities.

Operating on 20 and 40 meters, both CW and SSB, we totaled nearly 700 QSO'S. Antennas included a 20-meter ground mounted quarter wave vertical and a full wave 40 meter inverted "L" at 40 feet. Both antennas are over an excellent ground system. PSK-31 was demonstrated to Len Yeager, K6SS, for the first time during the frenzy of a contest. He was impressed! Both operating positions had computer-logging programs in use during the 24-hour operation. This is the only way to go!!

Our three weekly nets continue on in an unrelenting manner under the guidance of our net controller, Troy

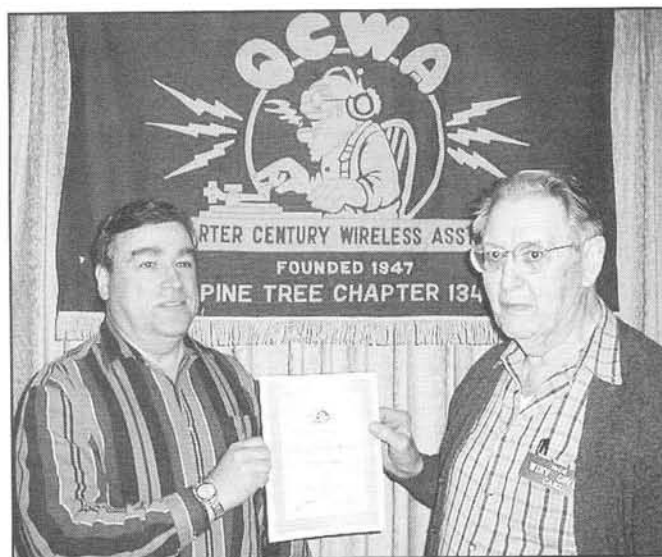
Wideman W6HV. Our 75-meter Saturday morning net has now met an impressive 23 years without missing a single week. The Wednesday evening 160 meter net and the Saturday morning 75 meter net are both over ten years without a miss..

We wish to welcome two new members into our Chapter 130. They are Jay Luster W6QHD from near Tehachapi, California, and Doyle McEntire W6QMU, from Murrieta, California. Both are active on our weekly nets.

Hugh Graham W6HG - Secretary/Treasurer

Chapter 134, Pine Tree Chapter

The quarterly chapter meeting was held at Lewiston, Maine on March 29, 2003. At the meeting a 65 Year Anniversary Award was presented to Carl Watson W1NV and a 50 Year Award went to Peter Stengel W1WYX. Two other members of the chapter have Anniversary Awards due but were unable to be at the meeting. They were Norman Davis W1GJ - 70 Year Award and Robert Burkett W1OGT - 55 Year Award. Presentation arrangements for them will be made at a later date.



W1NV, Carl Watson, receives 65 Yr. Award.



W1WYX, Peter Stengel, gets 50 Yr. Award.

Chapter Reports

This being election year in the Pine Tree Chapter, the chairman of the nominating committee, W1VEH, presented a slate of candidates for the 2003 election.

Harold Chase W1EES, gave a summary of the last National Board meeting and fielded questions from several members. He will relay any comments and concerns to the Board.

The June meeting will be held at Bangor, Maine at Miller's Restaurant on June 7th. Many thanks go to Jerry Burns, K1GUP, for making the arrangements.

Philip M. Young W1JTH - Secretary

Chapter 138, Marconi

Awards Dinner-Dance

QCWA Marconi Chapter 138 held their annual Awards Dinner-Dance on Sunday, April 27 at the Waterview Pavilion in Belmar, NJ. As in past years, Joey Arminio and "The Family" provided the music and entertainment. This outstanding musical group consists of Joey Arminio K1SAX on the saxophone, Doreen Brusca K2HLO as lead vocal and Nick Vala KC2FAL on the keyboard. They put on a great show! At the end of the evening, outgoing president Mike DiPersio KC2Q presented the band with a special award in appreciation of their efforts to entertain us.



Pictured here are "THE BAND" Doreen Brusca K2HLO, Joey Arminio W1SAX, Nick Vala KC2FAL receiving an appreciation Award from Mike, KC2Q, at the QCWA Chapter 138 Annual Awards Dinner-Dance. (The Social Event of the year). We have been fortunate to be able to listen to the fantastic sounds and entertainment given us by this band "The Family" for the past three years. Yes, you can get either of the two CD's they have produced, but, it won't be the same as seeing them LIVE! If we're fortunate enough to get them again next year, you won't want to miss it.

New Officers to serve the chapter for the next two years were sworn in. They are Frank Gudicello K2TVY, President; Bernie Ricciardi WB2EJT, Vice President; Frank Wroblewski W2XYZ, Treasurer; and Bob Buus W2OD, Secretary.

There were many service awards presented. For 65 years since first licensed, awards were presented to Don Gagne W2LID, Arnold Peterson AB2N, Jerry Havel

W2RRX, and Dave Benton W2WSE. A 55th anniversary award was presented to Don Lambrecht W7MKH. 50-year awards went to John Golembeski K2EOB and Bob Buus W2OD. The awards were mailed after the dinner-dance to those members who were not present.

The Meritorious Award from National QCWA was presented to outgoing president Mike DiPersio KC2Q for his dedicated service to the Chapter for the past several years.



The Meritorious Award is presented to outgoing President Mike DiPersio KC2Q (right) by VP Bernie Ricciardi WB2EJT (left).

A hearty WELCOME to the incoming officers and a heartfelt THANK YOU to the outgoing officers.

Chapter 149, Nutmeg

Our annual meeting was held on the 10th of May, at "G. Willikers" restaurant in Groton, Connecticut, with 54 members and guests present. The election brought no surprises. As usual, the Nominating Committee had trouble finding members willing to be nominated, so we went forward with many of the same officers: President Rich Monahan K1FPP, Secretary Don Steele W1NFG, Treasurer Paul Taylor K1AFI, were all reelected. We put in a new Vice President - Gene Dombrowik W1QJL. Al Cohen W1FXQ, who has done such an admirable job finding guest speakers for our luncheon meetings, finally consented to become a Director. Tom Evans W1JC officially became "Director and Net Manager," a position he has held since last summer on an interim appointment. Special Thanks to Roy Hilt K1JNR and Bob Cohen K1CPJ, who had to complete the nominations job without their able chairman, Ron Kresge W1ARS, who spent this time in the hospital. (What some people will do to get out of a committee job!)

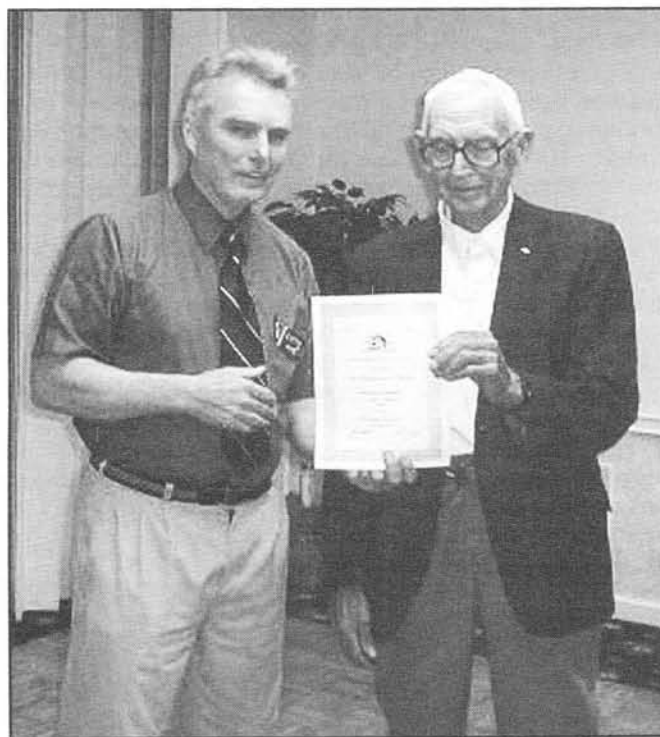
We regret to report that four of our Chapter members have become Silent Keys: John Amaral W1VRP, George Bombria W1WRN, Paul Lombardo W1VMY and Wesley Randles W4COW.

Two members who had been unable to attend the February meeting were presented their Anniversary Award Certificates: Walt Kornacki W1YOC, for Fifty

Years, and Ernie Howell W1DQI, for 70 years. Tom Hooper W1RFL, has a 55-year certificate coming to him, but he was unable to attend this meeting. Since he lives across Rogers Lake from our President, Rich K1FPP, promised to make the delivery by Kayak!



50 Year Award presented to Walt Kornacki, WIYOC presented by me, President Rich Monahan K1FPP.



70 Year Award presented to Ernie Howell, W1DQI presented by me, President Rich Monahan, K1FPP.

Our new member, Dave Mello W1DGM, then presented an interesting talk about his experiences as a Rocket Scientist while working for the U. S. Government. To complete the program, the following went home with some interesting raffle prizes: W1GHU, W1DQI, W1UBM, W1CL, W1YOC, W1FXQ, W1JIO, W3QAN, K1JNR, and the XYL's of K1AFI and WA1GKU.

Don Steele W1NFG - Secretary

Chapter 150, DEL-MAR-VA

Our May meeting this year was our annual picnic that was held in Grove Park at Rehoboth Beach, Delaware. Although the weather was cool and overcast we had a very good attendance. Most of our meetings are now held the second Wednesday of each month at the Harrington House Restaurant in Harrington, Delaware. The meeting time is 11:30 AM. We sometimes have our meetings at other locations and on weekends to allow those members unable to attend on Wednesdays or at the Harrington location an option.

So far this year two 50 year Service Awards have been presented with a third to be presented. The two presented were to George Clough W3VVP and to Harold Moyer W3YSY. (See pictures.) A third is to be presented to W. Lloyd Carter W3UWO at the next opportunity.



John Willmuth NQ4Q (L) presenting the 50 Year Service award to George Clough W3VVP (R) at the Easton Amateur Radio Club hamfest in Easton, Maryland.



John Willmuth NQ4Q (L) presenting the 50 Year Service award to Harold Moyer W3YSY (R) at his home in Parsonsburg, Maryland.

Chapter Reports

We now have a web site thanks to our chapter president Mike McClanahan W3RMM. Please visit our web site at < <http://www.qsl.net/qcwa150> >. Should you visit Maryland's eastern shore, we have a 9:00 AM Sunday morning Chapter 150 net on the Salisbury, Maryland 146.22/82 MHz repeater.

John Willmuth NQ4Q - Secretary/Treasurer

Chapter 151, Wild Rose

Greetings from the Wild Rose Chapter in Calgary Canada. As the new Secretary of Chapter 151, it is my pleasure to report on QCWA activities in this area. Probably the most important event was the Spring Luncheon meeting held April 16, 2003 at the Symons Valley Ranch at the North end of the City of Calgary. There were 21 members, friends and guests who attended. President Ken Oelke VE6AFO welcomed everyone and gave a brief overview of Chapter 151 achievements over the preceding months. President Oelke also reported the good news that there have not been any silent keys to date amongst our chapter. Secretary/Treasurer John Smith VE6AI provided a treasurer's report and minutes of the previous meeting. There were no QCWA long service or Meritorious Awards presented. This was deferred to our Annual General Meeting to be held on Sept. 20. President Oelke asked for a volunteer to be interim Secretary until the AGM and yours truly took up the challenge.

A discussion was held on putting together a program to promote Amateur Radio to youth groups in schools, churches, Scouts and Girl Guides etc. It was felt the QCWA was the right organization to introduce the hobby to future younger members.



Dick Sheppard VE6TY licensed in 1934(l) and Harvey Milne VE6JV licensed in 1938.

A motion was passed to make a donation to QSL.Net for the free server space for our web site www.qsl.net/ve6afo. Qsl.net is owned and operated by Al Walker K3TKJ.

The Luncheon meeting ended with a program on Tropospheric Scatter Radio Systems given by Al McNeil VE7BJA.

On April 26, 2003 Chapter 151 manned a QCWA table at the local Flea market in Calgary. It was during one of the worst winter days in Calgary with snow up to the knees and roads closed everywhere, but 120 dedi-

cated hams showed up anyway. Also on June 14 there was a Flea market in Red Deer and we had much better weather.

On June 22, 2003 one of our QCWA Life Members Al Simpson, VA6AS became a Silent Key. A memorial service was held June 26, 2003 in Calgary and QCWA Chapter 151 was represented. Al's 50 and 55 year Anniversary Awards as a licensed radio amateur was on display during the service, the awards were to be presented during the next AGM Sept 20, 2003.

A reminder to Wild Rose Chapter members to circle their calendars for the AGM to be held Sept 20, 2003 at 11:00am to 2:00pm at the Royal Canadian Legion #264 (Kensington Road NW) in Calgary. Guests are always welcome.

Al McNeil VE7BJA - Secretary

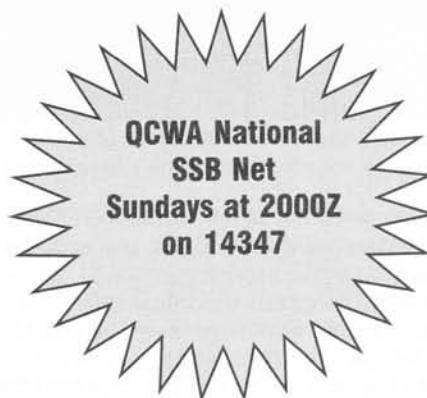
Chapter 154, Leo Meyerson

The May meeting was our last until Fall 2003. The program was about the Navajo "CODE TALKERS", and their success in passing military information during World War II. The Japanese failed to break the code. Their official name was: Navajo Marine communication specialists. Attendance was excellent, especially considering the time of year. Many snowbirds, like your President, have left for the summer.

Our April program was a great success! Quent Cassen W6RI gave us a rundown on the history of cell phone technology and its implementation over the past years. He described the differences in available services. Europe, and most of the rest of the world, uses the GSM system. It is available in parts of the US and offers superior features. Those who are in the market for their first cell phone, or replacing an existing one, found his talk not only instructive but useful. Next season, I hope to get Quent to visit our chapter luncheon so we can present his 50-year certificate!

It gets pretty hot during the summer in the California low desert. Those of us who have two homes take flight. The full time residents tend to "hole up" during daylight hours. So QCWA Chapter 154, along with most other ham club activity, goes dormant during those months. Until the fall, stay cool and well.

Gene Pentecost W4IMT - President



Chapter 162, Southeastern Wisconsin

Our congratulations to Emmett "Al" Algiers, W9HR on receiving Certificate # 3 'Worked All Wisconsin Counties' (72). Using a G5RV and 75-watts, Al has also garnered 2935 of the 3077 available U. S. counties along with confirmations from 246 countries. Nice going Al!

Marie and Ed (W9NVK) Konicek spent a wonderful week in the Bahamas last February enjoying the sun and fun while eating all the delicacies offered. A fantastic outing we have been told.

During the last week of February, Larry (WA9JMO) and Wendy (N9PAC) McCalvy enjoyed seven-days cruising the Caribbean onboard the SS Norway. Larry tried to eat everything the ship offered, but did spend each morning in the ship fitness center working off the effects of all that food. Need I say who enjoyed the boat trip the most?

The Chapter's social event kicked-off with our Valentine bash held at the Dock's Restaurant on waterfront in beautiful downtown Racine's harbor. Service was a little slow but we had a grand time and each lady in attendance was presented with a Carnation flower from the Chapter.



Al Algiers W9HR, awarded Certificate #3 in "Worked All Wisconsin Counties". Al has worked 2935 of the 3077 U.S. Counties and has confirmed 246 worked Countries.

Plans are underway for our annual QRP Field Day outing. The orange tarp used for many years to hold back the elements, is no more. No more orange tinted pictures. And I was getting use to that hue surrounding the group as they searched the heavens for the rare Field Day contacts. Heck, at times it seemed like any contact was rare. But we do have a great time!



Larry McCalvy WA9JMO and student Art Mattox during a Ham Class Antenna demonstration session.

Several Chapter members are working with another local radio club to increase our Ham ranks. The group began with eight students in a 10-week Amateur Radio Technician Licensing Class at the end of February. Members Ron Fox K9AKH, Bob Jensen WØWLN and Ken Knoff N9NBC have joined with Dave Stanton K9DOE and Bob Frederiksen KB9ZAF of the Racine Megacycle Club as instructors in this endeavor.

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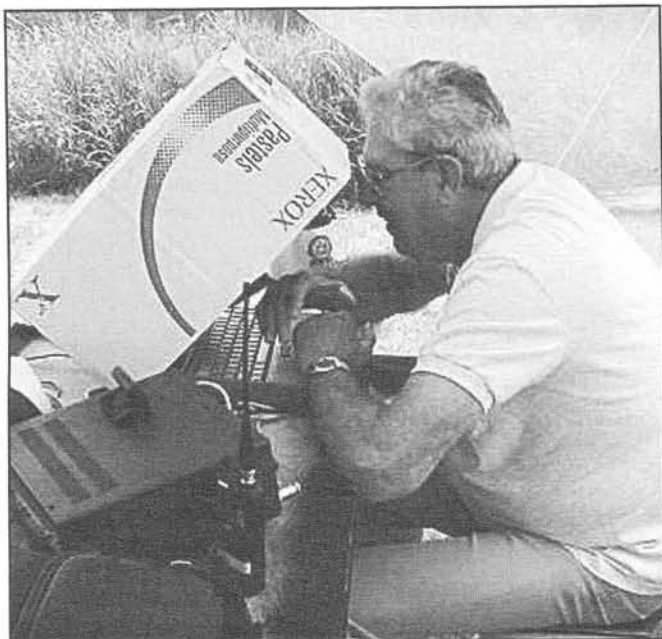
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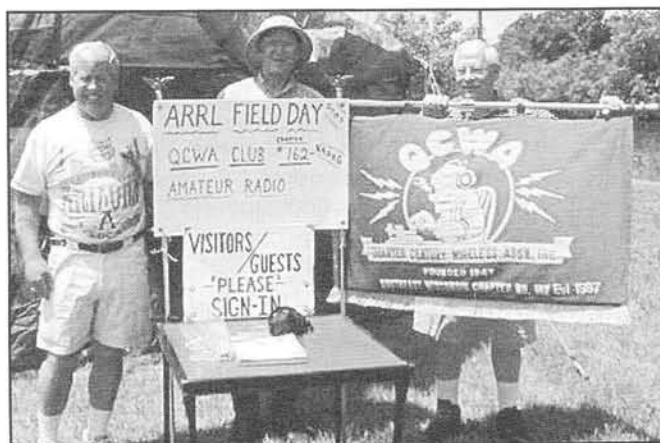
Chapter Reports



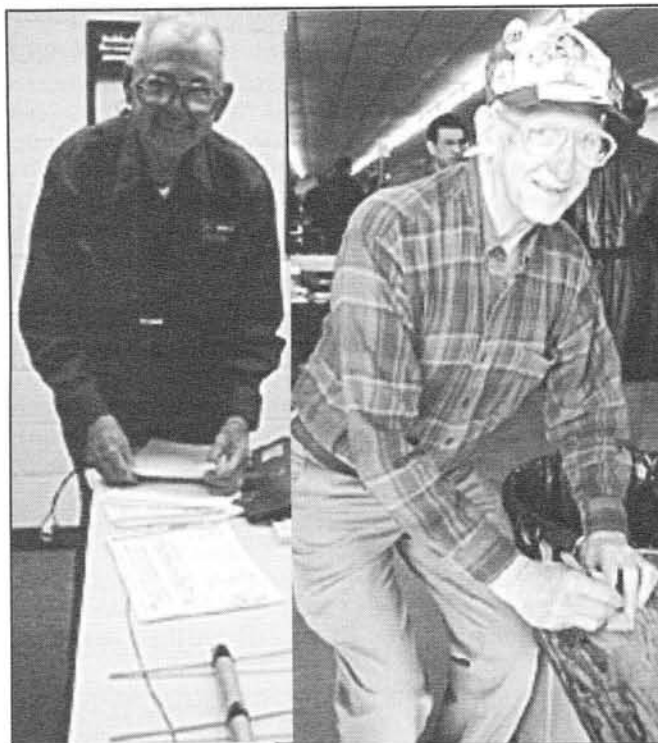
Chuck Knotek W9GKM, getting a little "Box Shading" as he made PSK-31 computer aided Field Day contacts last June.



Chapter 162 members and guests during this year's Valentine party at a local Racine, WI restaurant.



Larry McCalvy WA9JMO; Ken Knoff N9NBC and Ron Fox K9AKH at our visitors table during this year's K9AKG Field Day at Decision Farm



Left: Bob Jensen W0WLN laying out material in preparation for that night's Ham Class instruction. Right: Ken Knopp N9NBC filling out his ticket stub in hopes of a prize at a recent Northern Illinois Swapfest.

It is on a very sad note that I inform you Dick Kehl WA9HOH wife Elizabeth passed away after a very long illness. Our thoughts and prayers are with you Dick in these very trying times.

Larry McCalvy WA9JMO - Historian

Chapter 165, York County

The Chapter 165 annual family picnic was held on June 14, 2003 at the Keystone VHF Club's pavilion. There were 9 members and 16 visitors and XYLs in attendance. We had hoped for a better turn out but due to vacations and other pressing business many of our regular attendees were absent. Despite a hard rain shower the day turned out to be quite fair as can be seen in the photos.

After a picnic lunch hosted by the chapter a short business meeting was held. The secretary and treasurer's reports were approved as read. A trip to the local phone company's switching facility scheduled for a later date has been postponed.

The Next family get together will be the annual Christmas party and awards banquet to be held December 13, 2003 at Alexander's Family restaurant in York, PA

Ray Shaub W3AXC - Secretary/Treasurer

Chapter 169, Sacramento Valley

The Chapter meets monthly, the 2nd Wednesday of each month, for breakfast and meeting. This past quarter our President Paul Wolf W6RLP, presented a 50 year Service Award to new member Letha Johnson W6HMD.



Chapter President Paul Wolf W6RLP presents the 50-year QCWA Award to Letha Johnson W6HMD.

Monthly meeting topics included presentations on high definition SSTV, variable speed of light, astronomy and we saw an excellent video presentation on the World Radio Transmitting Championship 2002 held last year in Helsinki, Finland.

The Society of Broadcast Engineers (SBE) has honored one of our members, Peter Onnigian W6QEU, by electing him to the grade of Fellow. Onnigian, founder of Jampro Antenna Company, is a 60-year broadcast engineering veteran, who started his career as a CW operator with Western Air Express in Burbank, CA. He was also an Air Force communications officer during WW II. Onnigian has written 32 technical papers and delivered 14 of them at NAB engineering conferences. He attended Yale and is a registered California electrical engineer.

Chapter meetings are held at Carrow's Restaurant located at 4601 Watt Avenue, North Highlands, CA. Carrows is located on the west side of Watt Avenue just north of Interstate 80 Freeway. The group starts gathering around 7 am with a no host breakfast and the meeting starts around 8 am. YL's are always welcome. For any information please contact our President Paul Wolf at (916) 489-8112.

Gary Stilwell KI6T - Secretary/Treasurer

Chapter 175, Oregon Coast

Lunch with an ocean view, that's what our chapter members look forward to every two months. Meeting at the Surfrider Restaurant north of Depoe Bay, Oregon provides a year-round setting that changes almost every time we meet. There are times when it's just the calm and ocean blue out the windows and then next comes winter with its pounding surf. Sometimes there's a spout or two on the horizon from the migrating whales. The Surfrider is a major destination hotel where you can just soak in nature's beauty or maybe read a good book by the fireplace. Stories abound during the luncheons about all the new ham radio projects and the xyl's keep up the chatter about their latest craft or hobby item. The biggest problem our new Secretary has is how to manage the 25 or so seats that he has available and still allow the group to order off the menu. Take some time to visit the Oregon Coast and watch Mother Nature remodel the landscape by the minute. Visitors from other chapters can contact W7LI@arrl.net for the next meeting date and time. He might even get you into a window seat.

Carl Somdahl W7LI - Secretary-Treasurer

Chapter 196, Edison

We welcome to our ranks Ed Radke K9GZT. Ed lives in the island community of Bokeelia, Florida, and spends part of the year in Wisconsin. Also, we give a hearty welcome to Peggy Griffith KY8Y who lives in Cape Coral, Florida. Peggy has been a shining light in the area radio clubs for many years.

The biannual QCWA QSO Party was a hit this past April for Chapter 196 members, breaking all past records. With good band conditions and devoted operators, our chapter is surely going to be right up on the top of all scores.

With the help of Phyllisan West KA4FZI (former South Florida Section Manager and current Assistant SW Division Director), two of our members were successful in representing the local ham community in a countywide antenna rule change. Dave Penezic WA4GUK, and Mike Gurka K2UGH, provided their expertise to the county commissioners, and a workable outcome for the future of Lee County ham operators was agreed upon. All of us are thankful to them for their professionalism.

The May meeting was very eventful. Our election process extended the term of our Secretary Jan Scheuerman WA2YL, and myself as President. Our new Vice President is Mike Gurka K2UGH.

A special presentation was made to Hugh Pulliam W4SEM. Hugh has been in the amateur service for 70 years! Hugh is very active on the air and is an inspiration to us all.

You can always count on Chappy W6VIF, to tell a couple of jokes at our luncheons. He is in charge of our entertainment committee and has always come up with

Chapter Reports



Tad Burik K3QC, Chapter 196 President presents 70 year certificate to Hugh Pullian-W4SEM.



Chapter 196 Officers elected for ensuing two years. Mike Gurka K2UGH-Vice President; Jan Scheuerman WA2YL - Secretary and Tad Burik K3QC - President.

the goods. This month was no exception.

We have said our "so longs" to our seasonal members and with safety and swiftness the Parsons (K3OTY), the Yoders (W3YMB) the Radkes (K9GZT), and the Bradfields (KØTIW and KBØDKD) will join us again this fall. (By the time you read this, they will be packing up to come back to us for the winter months.)

Chapter 196 has been so lucky to have a wonderful young lady provide web site services for us. Carol House has devoted many hours of volunteer time to us and I encourage everyone to visit our site and enjoy what Carol has created. All of our members want to thank you Carol from the bottom of our hearts! Go to the QCWA home page and look for chapter 196.

Jan-WA2YL and Tad-K3QC will again be operating at the Miss America Special Event station, K2BR, in Atlantic City NJ, from Sept. 15-20. We'll be on both phone and CW. Please check the September issues of QST and WorldRadio for frequencies. You may have an opportunity to QSO one of the contestants.

Our monthly meetings are at the Steak and Ale in Fort Myers, Florida. For additional information please contact Jan at wa2yl@arrl.net.

Tad Burik K3QC - President

Chapter 202, Old Dominion

Old Dominion Chapter 202 officers for 2003 are:

President - Bill Svec WA4BKW, Vice President - Gene Walter W2CPSecretary/Treasurer - Charlie Beckwith K4BSF and Directors - Phil Roark K4WFO, Riley Dudley K4ORD, and Buddy Smith W4YE.

The chapter held breakfast meetings in Bedford, Virginia on May 03 and on June 07 at the Golden Corral Restaurant. The June meeting was held in conjunction with the Chapter's joint effort World War 2 D-Day Memorial 2nd Anniversary Special Event Station operation. Those groups participating in addition to the Old Dominion Chapter 202 were The Roanoke Valley ARC, The Bedford ARC, the Lynchburg ARC, and the South Western Virginia Wireless Association. Twenty Amateur radio operators and one memorial Staff member participated in the event on site. Obie - WA4DOX operated a remote CW station from Pilot, Virginia. The WW2DDM station was established in an Army Mess Tent on the Memorial grounds. The weather was inclement in that it rained all day.



Eleven Old Dominion Chapter 202 members and three guests were present at the May meeting and the June meeting brought out thirteen members and four

guests. Seventeen different members and eight different guests were included in these numbers.

A committee consisting of Bill Svec, Gene Walter and Stan Reas did an audit of the Chapter books, which found no discrepancies.

The membership decided to buy and display an Old Dominion Chapter 202 banner.

Obie Price-O'Brien WA4DOX accepted the newly established post of Chapter 202 "Webmaster". Check out the web site: <<http://pob.swva.net/qcwa202>> President Bill presented 50-year Award certificates to Fred Fraley W4DF and Stan Reas K4UK.

A 70-year Award certificate has been mailed to George Guill W4VAN. He has acknowledged receipt and plans to attend the next meeting we hold in Roanoke, Virginia.

Doug Moore K4WVS affiliated with the Old Dominion Chapter 202 at the meeting.

Leland (Buddy) Smith, Jr. W4YE, became Old Dominion Chapter 202's first lifetime member. Obie Price-O'Brien, who was at home making CW contacts as a part of the Special Event, and Fred Fraley W4DF, followed in rapid succession.

Bob Dixon W8HGH initiated discussion on expanding the information on the chapter call sign, WW2DDM, on the QRZ Web Site. A picture of the Special Event QSL card and additional "Bio Info" will be added. Check it on <<http://www.qsl.net/ww2ddm/>>

John Bush then showed us the re-created Spark Gap rig that was his first radio. John lived in Kansas at the time and he and a friend built identical rigs. They had a great time communicating with each other across a distance of 700 feet. That is until a visit from a gentleman who wanted to know whether John and his friend knew about Leavenworth. Seems their radios were causing totally unacceptable interference throughout the area. So John and his friend had to dismantle the radios and stay off the air. To see a photo of this rig go to <<http://pob.swva.net/qcwa202>>

Obie WA4DOX, showed his "home built" straight key and paddle, which perform well.

President Bill announced that the August meeting again be a potluck dinner, held at Stan's QTH at Smith Mountain Lake. The date has not yet been finalized. Watch our website for details. <<http://pob.swva.net/qcwa202>>

Chapter 202 will once again establish a presence at the Roanoke Valley ARC Hamfest to be held at William Byrd High School in Vinton, Virginia on August 02, 2003. All QCWA members are invited and urged to visit the Old Dominion Chapter 202 table for fellowship and to affiliate with us.

Several members of Old Dominion Chapter 202 participated in the Franklin County ARC's Field Day effort held at the Franklin County Recreation Park. Stan Reas-K4UK, Buddy Smith-W4YE, JJ Weigand Jr-N3AXB, Charlie Beckwith-K4BSF and Riley Dudley-K4ORD. Bill Wells-W4BOT, unaffiliated QCWA member and FCARC president also participated. We hope to provide more Field day news in a later report.

Charlie K4BSF - Secretary/Treasurer k4bsf@arri.net

Chapter 207, NOS AM



NOS AM Chapter members at its regular meeting at the Belton, Texas Swapfest.

The New Old Stock AM Chapter of QCWA (NOS AM, Chapter 207) held its regular meeting at the Belton, Texas Swapfest on April 5, 2003. Plans for the Arlington HamCom were discussed and photos were taken for posting to the Chapter's Yahoo Group website. It was agreed that a special event AM station would be set up in Arlington for the event. There was a brief discussion about the QCWA Sunday afternoon net, and the need to represent Chapter 207 to the net more often. A great time was had by all.

Lynn Fisk K5LYN - President.

Chapter Reports due October 1, 2003



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RANDOM RECOLLECTIONS OF AN OLD HAM

-by George Hart W1NJM

(A journalistic history of the life and times in Amateur radio of George Hart, W1NJM)

THE HURRICANE

It was only about three weeks after I arrived in Connecticut that the hurricane of 1938 hit us. I don't remember the exact date or day of the week, but I do remember that it was one of the rare days when I was on the early (3 to 9) shift, probably because Hal had some personal business to attend to, or maybe construction and maintenance were in such good shape that he decided to give me a break. In any case, I arrived at 3 p.m., put my car in the garage and proceeded to attend to some paper work, in this case making out QSL Cards. WIAW sent cards to every station we worked, and a card file record was kept, for each station worked showing the name of the operator, location and any other details gleaned from the contact or contacts with that station. Thus, when a contact was made the operator (Hal or I), could refer to the file, ascertain if it was a first contact or, if contacted before, be able to address the other operator by name and be aware of his location. The file, in other words, was our "memory," and often the operator at the other end was amazed that we knew so much about him. It made for good membership and even non-member relations. The file was my idea, and so keeping it current was part of my job.

It was a dark day outside. Rain was coming down and the wind was already quite brisk. As the afternoon progressed, the wind grew stronger and the rain more intense, but I sat oblivious until I felt the building shudder and the electricity went off. I investigated the Memorial Lobby and found that the wind was blowing rain through the cracks around the front door. I went into the garage and got the mop and a bucket, mopped up the water on the floor, but as I was doing so I heard a splintering crash outdoors. Looking out on Main Street I saw a large tree lying across the road. It wasn't until then that I realized the intensity of the storm. This hurricane had no name. The Weather Bureau didn't start giving them names until after WWII, but it was being tracked as it came up the coast and started heading out to sea. It was predicted to continue north-eastward and die out in the north Atlantic, but it suddenly switched due northward and hit with full force on the eastern part of Long Island, Rhode Island and Cape Cod. The Hartford area was getting only the outer edge, but that was bad enough. Newington was without power for several days and

WIAW was silent. No damage was done to the station building except a few asphalt shingles were torn off the roof. But our new, magnificent station sat dark and silent. No provision had been made for emergency power at the station.



George Hart W1NJM - 1960

Later in the afternoon, as the intensity of the storm decreased, Mr. Handy and Hal showed up, saying they were concerned for my safety but I suspected even more concerned for the building and antennas. After looking around they departed, saying I might as well go home because the downed tree across Main Street had torn down the power lines and restoration of power was unlikely at least for a day, probably more. Many other trees throughout the town and indeed the entire area were also down.

I stayed until it got too dark to work, then got my car out of the garage and headed toward Hartford and Annawan Street. Several detours were necessary to get around downed trees and flooded streets, but I finally made

it. The power at Annawan Street was still on. Hal was in his room across the hall, and when he heard me come in he came over and told me that Mr. Handy had invited us both to his house in West Hartford where the power was also still on, to operate his station for emergency communications purposes, because all commercial electricity and communications in Rhode Island and Cape Cod had been disrupted and amateur radio was being called on to assist. I gladly agreed to go, but Hal opted to remain in his room and operate from his personal station.

There followed two days of almost continuous operation from W1BDI. Operating Ed Handy's station was an adventure unlike any I have ever had in operating a station other than my own (up to this point in my amateur career I had never had my own station!) The second floor station was a veritable clutter of equipment, arranged in a highly unorthodox manner quite in keeping with Handy's own eccentric demeanor. All I did was operate. Ed Handy did all the setting up, frequency changing, tuning, accompanied by grunts, throat clearings and nervous fidgeting. It was a real adventure. Mrs. Handy kept us well fed and I managed to get some sleep in a spare room. We maintained contact with other amateur stations in eastern Connecticut, Rhode Island and southeastern Massachusetts, many

of them operating on emergency power, handling mostly personal welfare messages but also a few official dispatches. Commercial wire facilities were in bad shape and several days of frantic work would be required to get them back to normal. I seem to recall that we had another assistant, a non-ham who handled telephone calls, and a couple of times a newspaper called and wanted to interview Mr. Handy regarding the part amateurs were playing. The incident made me pretty well acquainted with the Handy family and gave me a closer insight into the personality of Ed Handy himself.

Within a few days power was restored in Newington and W1AW went back into normal operation. Hal Bubb and Mr. Handy conferred at length on the purchase of an emergency generator to be installed in the basement so that in the event of another such power loss we could continue operation, at least for emergency communications purposes. The outcome, after much negotiating, was purchase of two Kato generators of 2000 watts each, one to be connected to each side of the incoming 220-volt line, sufficient to operate anyone of the W1AW transmitters at full power for 24 hours if necessary plus lights, oil burner and other ancillary necessities. Hal undertook the installation and did an excellent job of it, as usual. Also installed was a battery-operated system of 6-volt lights controllable from the operating position so that in the event of power failure the operator would have enough light to go down and get the generators started. The latter had to be hand-cranked and proved to be difficult to start at times, but on the whole were capable of serving their purpose. I don't recall that another such emergency ever occurred while this system was in place, although we tested it frequently. After WWII the Katos were sold and a larger system installed capable of running all transmitters simultaneously at full power.

During the hurricane emergency I made my first real friend in Connecticut. This was Fritz Cowles, W1AOK, who visited the station with some other hams while I was checking on conditions and I gave them a quick conducted tour. Somehow the subject of conversation got on the amount of electricity the station must use, and one of the visitors remarked that by creating a magnetic field around the electric meter one could slow it down and thus reduce his power bill. Fritz said with a completely straight face that he had tried that and it worked, and one month he had applied so much power to the magnet that it caused the meter to run backward, and at the end of the month he got a check from the power company. Fritz was a master at straight-faced humor, the kind I have always appreciated, and we established a friendship that lasted until his death in the 90's.

The operation at W1AW during this period consisted of scheduled "broadcast" bulletins to all amateurs and "general contact" periods on scheduled frequencies. The bulletins were sent by CW simultaneously on 160, 80, 40 and 20 meters on schedules announced monthly in QST. I remember we used 3825 on 80 and 7150 on 20, but I don't remember our 160 and 20-meter frequencies. At the conclusion of the CW bulletins we would send the same bulletins on phone (voice), but this was a one-band-at-a-time proposition. The modulator would be hand-switched to the 160-meter transmitter and the bulletin read on that band. Then it would be switched to 80 (75) meters, then 20. There was no phone band on 40. At the beginning of each "general contact" period we would call a CQ on the announced W1AW frequency and stand by for calls.. Usually, given any kind of decent band conditions, one contact would follow another in rapid succession, for W1AW was not only well known but had a commanding signal.

We had to be very careful not to conduct any kind of League business over the air; or any other kind of business, for that matter. It was strictly forbidden by both ARRL policy and FCC rules. Frequently we would be asked why an issue of QST had not been received, or why someone at headquarters had not answered a letter, or the price of a League publication. The conversation had to be kept on a non-business basis. We were paid operators of an amateur station. This was not specifically prohibited by amateur regulations at the time (but was later), but conducting any kind of business over amateur radio was.

One time on 160 meters I was called by W8FCD, who said he was in Coudersport, PA. I said I had a girl friend in Coudersport, and when told her name, "Dude," W8FCD said he knew her and offered to call her on the telephone for me. Coudersport is a small rural town, and Louise went to

Dude's place and we had a sort of on-the-air reunion. On subsequent nights this was followed by several similar contacts, Dude appearing not only willing but also very happy for us to use his station for the purpose. I half expected to be told to cease this activity, but it never happened. What I didn't realize was the extent of listeners we had. Years later I kept getting inquiries from fellow amateurs as to whether I had ever married the girl I talked to over W1AW.

Louise and I were never officially engaged but we had a sort of mutual understanding. When I began to get reports from her mother and sister, who wanted her to marry me, that she was running around with a Coudersport school teacher, I called her on the telephone with an ultimatum. Either we get married or we break off the relationship entirely.

**Did they get married or breakup?
Find out in the next issue.**



N4KB (my brother Ed - SK in 1988) radio shack where high speed code practice was sent from 1980 thru 1987, then using WINJM/4 from 1988 until 1992.

Chapters on the Air

NO	NAME	DAY	TIME	NC	FREQ	NO	NAME	DAY	TIME	NC	FREQ
	SO CALIF CW	SUN	1100L	W6WHM	7034	81	LONG ISLAND CH	FRI	2030L	W2TLC	146.745
	FL SSB	SAT	1300Z	W4KOG	3955	81	LONG ISLAND CH	SUN	1130L	W2TLC	3917
	QCWA SSB	SUN	2000Z	varies	14347	85	ARK-LA-TEX CH	MON	1930L	WA9PZL	146.67
	FL SSB	WED	1500Z	W4NWF	7274	89	PALMETTO ST CH	SAT	0843L	N4RM	3930
	NE REGIONAL	SUN	0845L	W2AUF	3917	89	PALMETTO CH	SUN	1700L	N4RM	3695
	QCWA CW	WED	2000E	varies	7035	91	VIC CLARK CH	SUN	0900L	VARIES	146.79
1	CLEVELAND	WED	2000L	W8LYD	146.85	94	ROADRUNNER CH	WED	1400L	WB5YYX	146.72
2	CHICAGO AREA CH	1stTh	2130L	W9MOL	147.15	102	DAKOTA CH	SUN	1400Z	VARIES	3889
5	DELAWARE VALLEY CH	SUN	0945L	W2UAE	3917	106	GERMAN CH	MON	1630Z	DL0QCW	3773
6	PITTSBURGH CH	SUN	0830L	N3GMI	147.03	106	GERMAN CH	TUE	1730Z	DL1MEB	3576
7	SOUTHERN CA	SUN	1000L	W6ZRZ	147.36+	107	CENTRAL FL	SAT	0900L	W4LHP	7243
7	SOUTHERN CA	SUN	1000L	W6ZRZ	445.275	107	CENTRAL FL	THUR	1230L	W4LHP	14245
7	SOUTHERN CA	SUN	1100L	W6WHM	7234	108	BEAVER ST CH	WED	0800L	W7LVN	3926
8	UPPER MIDWEST CH	SAT	0800L	W0KHG	3877	109	BATON ROUGE CH	SUN	2000L	VARIES	146.79
9	SOUTHWEST OH	SUN	1330L	K8YDP	3975	109	BATON ROUGE CH	SUN	0830L	VARIES	3905
10	MICHIGAN CH	SUN	0800L	VARIES	3940	110	KANSAS CH	SAT	0730L	KA0RZO	3920
11	NORTHERN CA	SAT	1000L	WA6AFT	146.85-	111	PALM BEACH CH	TTHSA	1900L	VARIES	146.670
11	NORTHERN CA	SUN	0930L	WA6AFT	3907	112	YANKEE CH	SUN	0830L	W1GCA	3903
14	SAN DIEGO CH	WED	2000L	VARIES	146.640	114	NORTH TEXAS CH	SAT	0830L	WA5BXH	3933
16	ARIZONA CH	SUN	0600L	W7ER	3890	122	LAKE ERIE TRI-ST	SUN	0915L	W3QPP	3916
17	ALLENTOWN-BETHLEHEM	SUN	1200L	W3GOS	3990	123	LEE DEFOREST CH	SAT	0730L	VARIES	3940
19	MISSOURI CH	WED	0700L	W9VHL	147.15+	125	NEBRASKA CH	TUE	0100Z	VARIES	146.94
20	BALTIMORE CH	MON	2100L	W3EE	147.285	126	PIEDMONT CH	SAT	0845L	VARIES	3935
21	CANTON OH CH	THU	1930L	VARIES	147.18+	128	PELICAN CH	SAT	0900L	VARIES	145.29
25	NEBRASKA CH	SAT	0830L	VARIES	3982	130	INLAND EMPIRE	WED	1930L	W6HV	1.896MH
28	CENTRAL NY	SUN	1030L	K2MFB	3990	130	INLAND EMPIRE	SAT	0800L	W6HV	3900
29	FINGER LAKES CH	SUN	1230L	W2BCH	3900	130	INLAND EMPIRE	FRI	1600L	W6HV	3900
31	READING,PA CH	MON	2100L	VARIES	146.91	134	PINE TREE	SUN	1430L	VARIES	3942
32	GATOR CH	SAT	0900L	VARIES	145.29	135	MID-MICHIGAN CH	TUE	2000L	VARIES	146.70
33	GUNDERSON PEN-JRSY	DAILY	2000L	W3APE	3987	138	MARCONI CH	TUE	2100L	VARIES	147.045
33	GUNDERSON-PENN-JRSY	DLY	1000L	W3APE	14263	140	WYOMING CH	SAT	0800L	AB7BJ	3923
35	MIDCONTINENT CH	THU	2030L	K0YML	146.97	142	NORTHWEST OH	WED	2000L	K8PL	147.27+
37	HARRISBURG CH	WED	2100L	K3IUY	147.12	146	TWIN STATE CH	SUN	0830L	VARIES	3897
38	SAN ANTONIO CH	SUN	2030L	W5HRF	28650	149	NUTMEG CH	SUN	1030L	W1JC	3923
41	DALLAS CH	SUN	0715L	varies	3835	150	DEL-MAR-VA CH	SUN	0900L	NQ4Q	146.820
45	CITRUS CH	TUE	1930L	VARIES	147.195	151	WILD ROSE CH	MON	1900L	VARIES	3747
46	FOUNDER'S CH	SUN	0815L	W2NBTW	3917	152	ROYAL PALM CH	MWF	1630L	K4FA	14190
49	PEACH STATE CH	SAT	0900E	K4VN	3857.5	154	LEO MEYERSON CH	THUR	1830L	K6AWO	145.480
49	PEACH STATE CH	WED	2000L	K4VN	145.41	160	UTAH CH	SAT	1100L	VARIES	7272
51	TEX-LA GOLDEN TRI	MON	1830L	W5AL	146.85	162	SOUTHEAST WI	THUR	2100L	N9NBC	147.87
55	WI CH	SUN	0830L	WA9UVK	3985	165	YORK COUNTY PA	WED	2100L	W3AXC	146.97
58	CO CH	SUN	0900L	W9KREV	3905	169	SACRAMENTO VALLEY	M/THU	1730L	VARIES	3947.5
58	CO CH	SUN	0930L	VARIES	146.62	173	GOLDEN TRI CH	TUE	1930L	W9JRY	147.255
62	SUWANNEE CH	SAT	0900L	W4PFJ	3940	181	HUDSON VALLEY CH	TUES	2030L	VARIES	147.060
63	CENTRAL OK CH	SUN	0800L	W5AS	3855	181	HUDSON VALLEY	SUN	0815L	VARIES	3917
63	CENTRAL OK CH	THUR	1900L	W5HXL	145.21	182	NORTHEAST TN	SUN	2100L	W4CZI	145.110
64	EL PASO CH	SAT	0830L	W5RO	3933	183	PIONEER CH	SUN	1030L	VARIES	3923
65	NIAGARA FRONTIER	SUN	1330L	W2AI	3900	188	LOST RIVER CH	1ST W	1915L	K7RFO	146.25+
67	AUSTIN CH	SAT	0900L	W5MDL	3920	191	MONTEREY BAY CH	TUES	1930L	VARIES	146.70
70	NATIONAL CAPITAL	THUR	2000L	VE3QCW	147.03	194	HAWAII CH	1st S	1500L	KH6B	7088
75	CENTRAL CA COAST	SAT	1000	VARIES	7260	196	EDISON CH	DAILY	0730L	VARIES	147.345
76	BLUE RIDGE CH	SAT	0900L	W4LSK	3942	198	MID SIERRA CH	SAT	0700I	VARIES	3908
77	NORTHERN NJ	THU	2000L	W2IET	147.030	210	OMAHA CH	TUES	1900L	W0OMA	147.36+
79	SUNFLOWER CH	WED	2100L	VARIES	146.82	210	OMAHA CH	SAT	0830L	W0OMA	3990

QCWA Welcomes New Members

DATE	MEMNUM NAME	CALL	CITY	ST/PR	SPONSOR	SCALL
06/23/2003 31790	UJCIK, VACLAV GEORGE	WD9HBC	DAYTON	OH	-	-
04/03/2003 31944	BROCK, RALPH	W5MV	LUBBOCK	TX	GERALD A GRANT	WB5R
04/03/2003 31945	BURKHOLDER, STEVEN R	AA3LG	SHIPPENSBURG	PA	-	-
04/03/2003 31946	MORGAN, MIKE P	N5LPZ	CENTENNIAL	CO	-	-
04/03/2003 31947	SLY, RANDOLPH	K4SLY	POTOMAC FALLS	VA	-	-
04/04/2003 31948	FULLER, ROBERT GOODMAN	W1HX	STANDISH	ME	PHILIP M YOUNG	W1JTH
04/07/2003 31949	BENDER, FRANKLIN H	K8FB	WEST CHESTER	OH	-	-
04/07/2003 31950	BURGAN, HOBE	K5AK	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
04/07/2003 31951	COHEN, STANLEY	W8QDQ	CINCINNATI	OH	ALAN PICKERING	KJ9N
04/07/2003 31952	DALE, LEWIS RICARD JR	WD4CBA	FLAT ROCK	NC	DUEK KNIEF	W4DK
04/07/2003 31953	DIX, CHARLES V	WC0DIX	STEWARTSVILLE	MO	-	-
04/07/2003 31954	KIMBALL, BLAINE	W1VLU	JEFFERSON	ME	JEAN THOMPSON	K1TEV
04/07/2003 31955	MESSIER, WILLIAM	K1MNW	BRUNSWICK	ME	JOSEPH BRUCE RANDALL	W1ZE
04/07/2003 31956	SANDERS, JOE ILEY	WA5VRB	RICHMOND	TX	-	-
04/07/2003 31957	SIMPSON, ALLAN A	VA7AS	CALGARY	AB	-	-
04/08/2003 31958	HARPER, JAMES H JR	W4HJH	SPRINGFIELD	VA	DAVID W JOHNSON	WA4DJ
04/08/2003 31959	MARCH, JOSEPH H	K9JHM	CARMEL	IN	-	-
04/08/2003 31960	MUSSELMAN, NORMAN A	KN6CV	NORCO	CA	ARLO MYERS	WA6UDR
04/08/2003 31961	NOVOTNY, DANIEL F	WB9WHQ	PHILLIPS	WI	-	-
04/08/2003 31962	PILHA'R, WALTER	DL3LBP	GERMANY	-	WERNER LEMBCKE	DL1ZC
04/10/2003 31963	BUTCHER, WILLIAM BLAKE	W4MSZ	GAP	PA	-	-
04/10/2003 31964	HOPKINS, JOHN JOSEPH JR	KC7HN	PHOENIX	AZ	GERRY HIGGINS	W7ES
04/10/2003 31965	RAUSCH, JODENE J	WB0QVE	PIERRE	SD	SCOTT RAUSCH	WA0VKC
04/11/2003 31966	BRASWELL, WILLIAM P	WB9WZN	GARY	IN	-	-
04/14/2003 31967	MOREN, BOB	K4CX	BOONE	NC	-	-
04/14/2003 31968	MORTON, DONALD E	W7LBN	TEMPE	AZ	GERRY HIGGINS	W7ES
04/14/2003 31969	BLAS, VINCENT A	WB1V	PROVIDENCE	RI	-	-
04/14/2003 31970	EVANS, DANIEL ROBERT	N3AHP	BOOTHWYN	PA	TOM JOHNSTON	W3TDZ
04/14/2003 31971	WALTER, C K	AD0H	AMES	IA	-	-
04/15/2003 31972	FLORIG, PHILIP	W9IXX	COLUMBUS	NC	HERM FABERT	W9FWH
04/15/2003 31973	WACHTER, PAULA	W3PAW	EASTON	MD	-	-
04/17/2003 31974	IDE, A GRAHAM	VE3BYT	OTTAWA	ON	G KEITH BEDAL	VE3GFI
04/21/2003 31975	CHAMBERS, MIKE	W1IDX	RICHMOND	IN	WAYNE C KLUSMAN	WA8KAZ
04/21/2003 31976	FULLER, DAN L	N8HFJ	GRAND LEDGE	MI	-	-
04/21/2003 31977	MIMS, DAVID C SR	KY4B	GREER	SC	LARRY S PHILLIPS	W0FP
04/21/2003 31978	NALLIE, LUTHER	KQ5O	HOLLISTER	MD	LARRY PHILLIPS	W0FP
04/21/2003 31979	THOMPSON, EMIL T JR	W3RT	FAIRLESS HILLS	PA	DAVE HELLER	K3TX
04/22/2003 31980	OSBURN, JOE	W4CFA	ORLANDO	FL	-	-
04/22/2003 31981	DE VOLPI, PIETRO	K3PD	NEW CUMBERLAND	PA	WILLIAM E BAREFOOT	W3UQJ
04/22/2003 31982	MORT, ROBERT C	KD4LIR	FRACKVILLE	PA	RAYMOND A SHAUB	W3AXC
04/22/2003 31983	RADKE, EDWARD	K9GZT	NEKOOSA	WI	JAN SCHEUERMAN	WA2YL
04/24/2003 31984	CANTEN, RUSSELL F	KC2GVM	BUFFALO	NY	-	-
04/25/2003 31985	HARRISON, GARY M	KB5KST	SAN ANTONIO	TX	-	-
04/25/2003 31986	HENNESSEE, JOHN C	N1KB	NEWINGTON	CT	ALEXANDER COHEN	W1FXQ
04/25/2003 31987	KEETON, BURL A	N5DUQ	OKLAHOMA CITY	OK	VAL L ERWIN	W5PUT
04/25/2003 31988	KERRICK, GEORGE A	W3MWR	WEST CHESTER	PA	-	-
04/28/2003 31989	GOWANLOCK, KEITH	VE3DBG	OTTAWA	ON	CLARE FOWLER	VE3NPC
04/28/2003 31990	KELLY, CLYDE	WB4USN	AUGUSTA	GA	DONALD R ANDERSON	K4PSW
04/28/2003 31991	O'NEILL, HANK	WA3QGH	PHILADELPHIA	PA	-	-
04/28/2003 31992	CREPEAU, RAYMOND G	K1HG	CLERMONT	FL	AL SZIRISKI	K2SSE
04/28/2003 31993	PUGH, EDWARD L	VA3PU	RICHMOND	ON	G KEIGH BEDAL	VE3GFI
04/28/2003 31994	VAUGHN, DICK	K6LPO	GRANADA HILLS	CA	-	-
04/28/2003 31995	BREWER, JIM	WB4ETE	SAPULPA	OK	JIMMY JOHNSON	N5VD

New Members

04/29/2003 31996	BAVOSO, MIKE	W6YDE	FRESNO	CA	JAMES WAKEFIELD	W6PSQ
04/29/2003 31997	ENDERS, JOHN	WB3IVW	YORK	PA	RAY SHAUB	W3AXC
04/29/2003 31998	HENNEBERRY, WILLIAM P	KN2X	YONKERS	NY	-	-
04/30/2003 31999	WILSON, WILLIAM	KJ4EX	WINDER	GA	-	-
05/01/2003 32000	BEUCHE, GUENTER	DL6AB	GERMANY		WERNER LEMBCKE	DL1ZC
05/01/2003 32001	HAGGERY, ROBERT W	W7ZU	NEW PLYMOUTH	ID	FLOYD WORTH	W6ZOH
05/01/2003 32002	REES, ROBERT W	AD5KP	RIPLEY	MS	TOM GLAZE	K4SUS
05/05/2003 32003	HAMON, MALCOLM C	VE3KXH	NEWCASTLE	ON	KEITH BENTLEY	VE3DHL
05/05/2003 32004	INBODY, DONALD S	AD0K	BUDA	TX	-	-
05/06/2003 32005	GRIFFITH, PEGGY HOPE	KY8Y	CAPE CORAL	FL	JAN SCHEUERMAN	WA2YL
05/07/2003 32006	SCHROEDER, RUDOLPH	W7FCB	ROSALIA	WA	-	-
05/08/2003 32007	DAHM, CLIFFORD N	W9ARE	LUXEMBURG	WI	-	-
05/08/2003 32008	ROSENTHAL, NATHAN H	N2ADD	POTTSTOWN	PA	-	-
05/08/2003 32009	TALBOYS, JOHN CHARLES	N8OR	BOYNE CITY	MI	DON CHRISTENSEN	W8WOJ
05/09/2003 32010	NIELSON, BRIAN	N7BES	MOSES LAKE	WA	-	-
05/10/2003 32011	TRUMBLE, LARRY G	K8QER	EAST JORDAN	MI	THOMAS SORRICK	W8IZS
05/12/2003 32012	MORGAN, RONALD G	KB9NW	EAST PEORIA	IL	GARY HARRISON	K0BC
05/12/2003 32013	SECREST, CHARLES S	AD8W	ORLANDO	FL	-	-
05/13/2003 32014	MC CARTHY, JOHN L	K4OP	RADCLIFF	KY	-	-
05/13/2003 32015	WRENNER, KEVIN R	WB2LJK	ESSEX JUNCTION	VT	-	-
05/15/2003 32016	HEALY, DENNIS	NC2F	WAPPINGERS FALLS	NY	STU BALLINGER	WA2BSS
05/15/2003 32017	HELLER, KARL W	K3KWH	MONROEVILLE	PA	-	-
05/15/2003 32018	SINGLETON, WARREN B	KB5SY	GROVES	TX	NORMAN HELMS	K5SAC
05/15/2003 32019	MOKOSKI, MARK	WA1ZEK	HIGGANUM	CT	ALEXANDER COHEN	W1FXQ
05/19/2003 32020	FILIUS, ROGER	K8JEO	MUSKEGON	MI	ELMER WOOD	K8ROH
05/20/2003 32021	SHUTE, GEORGE E	W4BDG	MOUNTAIN HOME	AR	GENE NAILON	K5DLE
05/20/2003 32022	BURNS, WILLIAM L	N9CEG	HOBART	IN	-	-
05/20/2003 32023	LUMPKINS, BOBBY	WA8RUM	OLON	OH	D E LOGAN	W1HEO
05/20/2003 32024	WALKER, VAL D	N0QW	WOODLAND PARK	CO	-	-
05/22/2003 32025	FELDT, SCOTT W	KC9YI	MONROE	WI	NEIL ZIMMERMAN	NB7Q
05/23/2003 32026	ROGERS, BOBBY V	KB1LN	CHARLESTOWN	RI	-	-
05/28/2003 32027	ANDERSON, WARREN D	W0WDA	PLYMOUTH	MN	-	-
05/27/2003 32028	TENDER, FRANCIS W	WD8E	HEBRON	OH	ELDON PETERSON	W5UHQ
05/28/2003 32029	ADAMS, J NICK	W4EAF	HAVANA	FL	DAYTON	
05/28/2003 32030	BERCHAK, TERRI	WD8LQH	DUBLIN	OH	DAYTON	
05/28/2003 32031	COLEMAN, JAMES J	KA6A	MONTICELLO	IL	DAYTON	
05/28/2003 32032	FRY, JAMES	WD8CMD	TIPP CITY	OH	DAYTON	
05/28/2003 32033	HUSKIN, JACK W	K4HVA	ESTILL SPRINGS	TN	DAYTON	
05/28/2003 32034	MAYS, DAVID L	W8UI	ST MARYS	WV	ART ELLIS	W8PBO
05/28/2003 32035	SCHINDLER, GEORGE A	WB0IIS	BALLWIN	MO	DAYTON	
05/28/2003 32036	CARDUCCI, HERMAN	KI8JG	SOUTHGATE	MI	DAYTON	
05/28/2003 32037	CHESNEY, BILL	N8SA	CLINTON TWP	MI	DAYTON	
05/28/2003 32038	EICHELBERGER, CHARLES W	KC9HV	HOBART	IN		DAYTON
05/28/2003 32039	DEWYN, GARY JOHN	KA6CAA	NORTHGLENN	CO	DAYTON	
05/28/2003 32040	ELLAM, TIMOTHY S	VE6SH	CALGARY	AB	DAYTON	
05/28/2003 32041	JUSTIN, BRIAN D JR	WA1ZMS	LYNCHBURG	VA	DAYTON	
05/28/2003 32042	LANG, EDWARD W JR	KC4YLY	TROY	VA	DAYTON	
05/29/2003 32043	ROWE, STANFORD H	K6VWE	MIDLAND	MI	DAYTON	
05/29/2003 32044	RUGGIERI, RUSSELL R	N6EU	CHATSWORTH	CA	DAYTON	
05/29/2003 32045	SMITH, THOMAS A	WD4NGI	MILLEN	GA	DAYTON	
05/29/2003 32046	WEBB, WILLIAM N	K4ZIW	AMELIA ISLAND	FL	DAYTON	
05/29/2003 32047	WILLIAMSON, FARLEY	KY4HAM	PRSTONSBURG	KY	DAYTON	
05/29/2003 32048	BABBITZ, HARLEY	W6AUW	SAN DIEGO	CA	JACK PLETCHER	W6JIR
05/29/2003 32049	FRITTS, RAINES R	WA4NWY	LEXINGTON	KY	DAYTON	
05/29/2003 32050	GANOBICK, JOHN	WD8OTY	AMHERST	OH	DAYTON	
05/29/2003 32051	GESSNER, CHARLES N	KC3ET	WEST MIFFLIN	PA	DAYTON	

05/29/2003 32052	HEIEN, JERALD F	N9AVY	CARY	IL	DAYTON	
05/29/2003 32053	HILL, JERRY	KH6HU	HANAPEPE	HI	DAYTON	
05/29/2003 32054	HOCH, STEPHEN	WU3I	PAOLI	PA	DAYTON	
05/29/2003 32055	HUNTER, WILLIAM C	K8BS	CHARLESTON	WV	DAYTON	
05/29/2003 32056	JONES, TERENCE LEE	W8JE	PASS CHRISTIAN	MS	DAYTON	
05/29/2003 32057	KEMPF, RICHARD R	WD9HRU	BLOOMINGTON	IL	DAYTON	
05/29/2003 32058	LACHOW, LLOYD	K3ESE	REISTERSTOWN	MD	DAYTON	
05/29/2003 32059	LOGAN, GLEN L	WA5UHF	KETTERING	OH	DAYTON	
05/29/2003 32060	MATTHEWS, CHARLIE	WB9SGD	CAROL STREAM	IL	DAYTON	
05/30/2003 32061	CASSEL, MARGARET	VE3RE	PETERSBURG	ON	PAUL CASSEL	VE3SY
05/30/2003 32062	MC GWIER, ROBERT	N4HY	EAST WINDSOR	NJ	DAYTON	
05/30/2003 32063	MOBERLY, C B	KS8P	GRANDVILLE	MI	DAYTON	
05/30/2003 32064	MURPHY, MICHAEL P	KA8ABR	DAYTON	OH	DAYTON	
05/30/2003 32065	OTNOTT, CHARLES H III	WD5BJT	CLERMONT HARBORMS		DAYTON	
05/30/2003 32066	PALMQUIST, WAYNE	KC9IC	NEW LENOX	IL	DAYTON	
05/30/2003 32067	PRUST, TOM	N9WI	GREEN BAY	WI	DAYTON	
05/30/2003 32068	ROBERTS, DOUGLAS A	NE0A	KANSAS CITY	MO	DAYTON	
05/30/2003 32069	ROWSEY, PHILIP	WD8BHO	MARION	OH	DAYTON	
05/30/2003 32070	KEMP, PETER W	KZ1Z	BETHEL	CT	BETSEY DOANE	K1EIC
05/30/2003 32071	STEPNOWSKI, DAVID J	KC3AM	CLAYMONT	DE	DAYTON	
05/30/2003 32072	SULLIVAN, JAMES F	NG8T	CINCINNATI	OH	DAYTON	
05/30/2003 32073	THOMAS, ROMAN R	RZ3AA	MSOCOW RUSSIA		DAYTON	
05/30/2003 32074	UCHIYAMA, D YOSHIKI	JR6IXW	OKINAWA JAPAN	DAYTON		
05/30/2003 32075	VEST, DAVID J	K8DV	GOSHEN	OH	DAYTON	
05/30/2003 32076	WEAL, VINCENT	K4JC	ROSELAND	FL	DAYTON	
05/30/2003 32077	WEST, BOB	WA8YCD	MORGANTOWN	WV	DAYTON	
05/30/2003 32078	WOLGAST, DIRK B	W9QA	OSWEGO	IL	DAYTON	
05/30/2003 32079	WOOD, RICHARD T	N9TH	TERRE HAUTE	IN	DAYTON	
05/30/2003 32080	ZALESKI, MARK E	WE8L	REDFORD	MI	DAYTON	
05/30/2003 32081	ZANCHA, RALPH	WC9U	LOVINGTON	IL	DAYTON	
06/02/2003 32082	SPLITLER, DAVID M	KA5CRL	BURKBURNETT	TX	LEROY V ROEVER	WA5BXH
06/02/2003 32083	SHAW, LAWRENCE O	W9OKI	PRESTBURY-AURORA	IL	-	-
06/02/2003 32083	SHAW, LAWRENCE O	W9OKI	PRSTBURY-AURORA	IL	-	-
06/03/2003 32084	STEGGERDA, JO A	N8ALJ	CHAMPAIGN	IL	-	-
06/05/2003 32085	VIOLETTE, DAN R	KI6X	ORANGE	CA	-	-
06/09/2003 32086	AYCOCK, WILLIAM C	W4BSG	WOODVILLE	AL	BOB ROSKE	N0UF
06/09/2003 32087	HEFFNER, LEONARD E	KR3J	SUMMIT HILL	PA	-	-
06/09/2003 32088	PONTON, H FLOYD JR	KB4WYW	ROANOKE	VA	LELAND W SMITH JR	W4YE
06/09/2003 32089	PUNDERSON, JAMES M IV	W2QO	ISLAND HEIGHTS	NJ	-	-
06/10/2003 32090	JENSEN, MARK E	WA6MVT	FPOAP		-	-
06/10/2003 32091	REITZ, OTTO PAUL	WB2TUF	BARTON	NY	JAMES MOZLEY	W2BCH
06/12/2003 32092	AWSIUKIEWICZ, GARY P	W1GPA	ROCKY HILL	CT	PAUL TAYLOR	K1AFI
06/12/2003 32093	CLOUGH, HAROLD R	K0GTT	NEW HOPE	MN	MIKE WARREN	K0MAZ
06/12/2003 32094	FERGUSON, JERRY	N7FLZ	SUN CITY	AZ	-	-
06/12/2003 32095	FOSTER, PERRY	K6XJ	CLOVIS	CA	JAMES WAKEFIELD	W6PSQ
06/12/2003 32096	JORDAN, MARGARET	WB0YTX	MINNEAPOLIS	MN	MIKE WARREN	K0MAZ
06/13/2003 32097	MADONICK, NEIL	KC6AQH	RANCHO MIRAGE	CA	-	-
06/13/2003 32098	STALNAKER, TONY	WA4LPJ	THOMASTON	GA	-	-
06/16/2003 32099	D'ELIA, MICHAEL J	N2FIR	AUSTIN	TX	-	-
06/30/2003 32100	DRUMMOND, BUDD	W3FF	REDDING	CA	SEASIDE	
06/16/2003 32101	AGABEKOV, VALERY	N2WW	AURORA	CO	-	-
06/16/2003 32102	FENSTERMAKER, JIM	K9JF	VANCOUVER	WA	SEASIDE	
06/16/2003 32103	ROBERSON, BRENDA JOAN		W7EN	PORTLAND		OR SEASIDE
06/17/2003 32104	BOOTH, RICHARD	W7VPV	PORTLAND	OR	SEASIDE	
06/17/2003 32105	BRAFORD, DUANE	WB7ROZ	OLYMPIA	WA	SEASIDE	
06/17/2003 32106	ELKINS, RALEIGH C	WB7WNF	SUMNER	WA	SEASIDE	

New Members

06/17/2003 32107	JOHANSON, LLOYD M	KD7EM	PORTLAND	OR	SEASIDE	
06/17/2003 32108	PACK, STEPHEN M	WB7VAS	CHEHALIS	WA	SEASIDE	
06/17/2003 32109	PALANGE, TIM	KD4WZ	BLUE RIVER	OR	SEASIDE	
06/17/2003 32110	PUCH, KYLE M	KA7CSP	SPOKANE	WA	SEASIDE	
06/17/2003 32111	VERSCHUYL, RONALD	K7AAE	WOODINVILLE	WA	SEASIDE	
06/20/2003 32112	NEEB, DONALD A	WD4DOA	GROVES	TX	NORMAN HELMS	K5SAC
06/20/2003 32113	SMITH, HORACE N	W9PPD	HAGERSTOWN	IN	HERB MC ADAMS	N9XC
06/23/2003 32114	RAYFIELD, CARL E JR	KT5T	YAZOO CITY	MS	-	-
06/23/2003 32115	ROESNER, ROBERT L	WB7WOW	OAK HARBOR	WA	WILLIAM R SHRADER	W7QMU
06/23/2003 32116	WISEMAN, BARRY	N6CSW	CORTEZ	CO	-	-
06/26/2003 32117	GRIFFIN, RONALD	N8AEH	FINDLAY	OH	RICHARD E DAVIES	K8IVP
06/26/2003 32118	SINGLETON, ALAN T	WD5GII	GROVES	TX	NORMAN HELMS	K5SAC
06/26/2003 32119	RIESS, RUDOLF	HS0ZEA	THAILAND		JOHN S HS0ZAA	
06/26/2003 32120	HARDY, DOYLE	K5HTE	FT WORTH	TX	ALAN B MC CLELLAN	W5FOA
06/26/2003 32121	SAMPSON, JOEL	N5LXI	DALLAS	TX	BERT WELLS	W5JNK
06/26/2003 32122	SCHRINER, LYNN	W5FO	PLANO	TX	TIM BRATTON	K5RA
06/27/2003 32123	BOTTIGLIERI, JOSEPH M	AA1GW	NEWINGTON	CT	G. HART	W1NJM
06/27/2003 32124	JACKSON, JIM	AB5D	MANSFIELD	TX	DALLAS	HAMCOM
06/27/2003 32125	KINSLER, RICHARD	KD5MQI	LUBBOCK	TX	DALLAS	HAMCOM
06/27/2003 32126	MARTIN, C V	AF5O	EDGEVILLE VILLAGE	TX	DALLAS	HAMCOM
06/27/2003 32127	REAVIS, CHARLES S	K9PFS	DALLAS	TX	DALLAS	HAMCOM
06/27/2003 32128	RICH, WILEY FOSTER	K5EUZ	SAN DIEGO	CA	JOHN KING	K5COV
06/26/2003 32129	SMITH, EARL F	N5ZMI	WHITE HALL	AR	RICK HARRIS	A15P
06/27/2003 32130	FRICKS, ROBERT E	W7WII	RENTON	WA	-	-
06/27/2003 32131	WALSH, JOE	WB7ACU	STUDIO CITY	CA	DALLAS	HAMCOM
06/27/2003 32132	WALTER, JIM JR	KF5EH	FT WORTH	TX	DALLAS	HAMCOM
06/27/2003 32133	TRUE, JAMES	N5AARW	HOT SPRINGS	AR	BERT WELLS	W5JNK
06/27/2003 32134	BARGER, JANET	WA5TMY	LINDALE	TX	BERT WELLOS	W5JNK
06/26/2003 32135	BLACKARD, ALFRED B	KA5CVA	MINERAL WELLS	TX	BERT WELLS	W5JNK
06/27/2003 32136	BUCHWALD, RICHARD E	WA7JQL	RICHARDSON	TX	ARCHIE WILLIS	W6LPJ
06/27/2003 32137	DONAVAN, GEORGE E	WB5WUX	FLORENCE	MS	BOB PETERS	W1PE
06/27/2003 32138	ECKERSON, CHARLES C	W5TNX	SAN ANTONIO	TX	MIKE KINCAID	W7FKF
06/26/2003 32139	HICKS, STEPHEN	N5AC	ALLEN	TX	JERREL JONES	W5TUU
06/27/2003 32140	KNAGG, RICH	WA5LFD	GARLAND	TX	NADINE WELLS	W5ZUT
06/27/2003 32141	KOSA, JAMES W	WB5LNJ	BOWIE	TX	JAMES LA PORTA	N1CC
06/27/2003 32142	LONG, TIMOTHY	N5DWV	SHERMAN	TX	ARACHIE WILLIS	W6LPJ
06/27/2003 32143	LOUGHMILLER, DEANE A	K5DAL	PARIS	TX	BERT WELLS	W5JNK
06/30/2003 32144	MC CANDLESS, RICHARD	KA5CMX	BATON ROUGE	LA	ALVIN A GUIDRY	N5GA
06/30/2003 32145	MOYER, RAY	WD8JKV	EULESS	TX	JAMES LA PORTA	N1CC
06/30/2003 32146	PAULSEN, KEVIN A	WE1Z	AUBREY	TX	JAMES LA PORTA	N1CC
06/30/2003 32147	PORTER, RANDON III	WA5BEG	ARLINGTON	TX	MIKE KINCAID	W7FKF
06/30/2003 32148	PRINCIPE, MICHAEL JR	K1TEX	FLOWER MOUND	TX	JAMES LA PORTA	N1CC
06/30/2003 32149	TAYLOR, DAVID S	KS5A	MESA	AZ	BERT WELLS	W5JNK
06/30/2003 32150	CALLAGHAN, DANIEL D	W8MTD	TIFFIN	OH	J EDW ROBERTSON	K8EMI

47th Annual QCWA QSO Party Results

April 5 and 6, 2003

	Call	Name	Ch	QSO's	Multi	Tot		Call	Name	Ch	QSO's	Multi	Tot
1	W4ARM	Alan	12	341	111	37851	54	AA9HL	Dave	162	38	17	646
2	K9KK	Rick	63	234	84	19656	55	W0YQY	Don	210	25	24	600
3	K0GND	Reynolds	25	216	88	19008	56	W8YA	Bill	76	34	17	578
4	W5KL	Leland	AR	183	82	15006	57	W1KKG	Sperry	VA	26	21	546
5	W4YE	Buddy	202	207	67	13869	58	W0WLN	Bob	162	25	21	525
6	VE3CT	Croft	70	188	68	12784	59	NO6X	Ken	CA	29	17	493
7	W0HXL	Dick	210	129	91	11739	60	K6KJK	Don	130	25	19	475
8	W8SZU	Gene	196	171	61	10431	61	W4ZZL	Ron	TN	23	20	460
9	W6ASH	Walt	11	196	52	10192	62	WB8C	Ray	10	34	13	442
10	K4QE	Walt	107	144	61	8784	63	W2UAE	Don	5	21	18	378
11	VE6AFO	Ken	151	121	71	8591	64	K1ND	Jan	10	25	14	350
12	KU4WD	Dave	45	145	59	8555	65	VE3DHL	Keith	73	19	18	342
13	W9FHW	Herm	76	108	74	7992	66	WA9JMO	Larry	162	20	17	340
14	WB3ERA	Jon	91	144	54	7776	67	K4HBI	Mike	49	22	14	308
15	W3UHP	Ernie	6	102	62	6324	68	K7TFW	Don	140	28	11	308
16	K8FH	Fred	1	148	42	6216	69	K4LVZ	Gerry	45	20	15	300
17	K4BAI	John	GA	138	42	5796	70	W2EWT	Bill	65	17	16	272
18	K4JM	Tom	VA	118	46	5428	71	NA2M	Bill	181	18	15	270
19	VE3BNO	George	70	124	42	5208	72	W0ODD	Ed	KS	24	11	264
20	N6SL	Ben	109	132	38	5016	73	W7LVN	Jim	108	15	17	255
21	K9VKY	Brian	6	104	44	4576	74	N4LD	Lew	195	16	14	224
22	K3QC	Tad	196	75	56	4200	75	WA8MWA	Carolyn	120	22	10	220
23	KJ6YK	Buck	130	111	37	4107	76	W4VZ	Art	12	15	14	210
24	W4YOK	Tom	TX	92	40	3680	77	W3FYA	Doug	20	15	13	195
25	VE3BBM	Ralph	70	85	42	3570	78	WB9WNZ	Thom	162	16	12	192
26	AB2N	Arnold	138	90	39	3510	79	KF5LO	Ted	72	17	11	187
27	W3KH	Buck	6	77	44	3388	80	WD9DJD	Paul	2	12	13	156
28	W6TKV	Lucky	177	67	50	3350	81	W9GKM	Charles	162	14	6	84
29	K2IC	Earl	138/5	77	40	3080	82	W3GQJ	John	10	10	8	80
30	N5PR	Paul	94	64	44	2816	83	N7EIE	Leroy	170	12	6	72
31	W9HR	Al	162	78	36	2808	84	VE3ZC	Joan	70	8	8	64
32	K6SS	Len	130	82	34	2788	85	W3WM	Art	128	8	8	64
33	W2VEX	Norm	65	72	32	2304	86	KA3AVB	Bob	6	8	7	56
34	HB9MX	Kurt	209	59	37	2183	87	K4AVH	Bill	128	7	7	49
35	K8VFR	Rosemarie	MI	68	30	2040	88	NS3O	George	6	7	7	49
36	W9WUU	George	WI	69	29	2001	89	W9HZC	Darwin	210	7	7	49
37	K1AA	Norm	45	58	30	1740	90	W2OD	Bob	138	6	6	36
38	W3UQH	Duane	31	51	34	1734	91	W8UKQ	Dave	21	6	6	36
39	W5GVP	Tom	72	43	37	1591	92	VA3OEB	Ernie	70	7	5	35
40	W2AS	Al	45	43	36	1548	93	W4AGI	Victor	202	8	4	32
41	W3FZV	Phil	16	58	25	1450	94	VE3NPC	Clare	70	5	5	25
42	K4UK	Stan	202	60	24	1440	95	WA3ZAO	Bob	45	5	5	25
43	VE3AHZ	Jack	70	49	28	1372	96	W3TZW	Roy	6	6	3	18
44	W9NVK	Ed	162	40	31	1240	97	WA6POZ	Gerry	210	4	4	16
45	W6HG	Hugh	130	48	22	1056	98	N1ASJ	Pete	195	5	3	15
46	K1GUP	Jerry	134	41	25	1025	99	N0UF	Bob	35	3	3	9
47	W8KYD	Ron	1	48	18	864	100	WB9RGO	Lloyd	162	3	2	6
48	W6HV	Troy	130	44	19	836	101	K16T	Gary	169	2	2	4
49	W2BZY	Bob	45	33	24	792	102	W0FKG	Milt	210	2	2	4
50	VA3ZBB	Rod	70	40	18	720	103	WA2ARS	Mort	45	3	1	3
51	VE3XK	Doug	70	32	21	672	104	N2GT	Sterling	138	2	1	2
52	W7ACD	Arch	108	26	25	650	105	W1DLP	Paul	45	2	1	2
53	N9NBC	Ken	162	27	24	648	106	W3MJR	Stan	31	1	1	1

PITCAIRN MISCELLANY

Kenneth D. Hopper, KD7KH / VP6KH

Dear Friends

My fascination with Pitcairn Island goes back to my childhood. I saw all of the Mutiny on the Bounty movies (Charles Laughton was the best Captain Bligh) and read every related book in the public library. Around 1938 amateur (ham) radio brought me in contact with VR6AY, Andy Young. The war years intervened and it wasn't until the early 1950's that circumstances allowed resuming my interest in ham radio. More VR6 contacts soon followed. Tom, VR6TC was on by then, as was Irma, VR6ID and others. Regular contacts with Meralda, VR6MW became a Sunday afternoon routine about 7 years ago. My wife, Barbara and I have been doing some shopping, mostly clothing items for Island ladies for about that same length of time. (NOTE: When Hong Kong reverted back to China on July 1, 1997 the entire VR series of call letters went to China. Because of this on May 1, 1998 all Pitcairn amateur call letters were changed from VR6 to VP6.)

In 1997 we took the World Discoverer voyage "In the Wake of the Bounty" and spent most of one day ashore, not nearly enough! But it was an opportunity to meet many of the Pitcairn hams I had talked to over the years. Regrettably Andy Young had passed on years before. Some day, I vowed I must return for a much longer visit with these great people.

About two years ago, I wrote to several boat charter agents and asked if they would inform me of any voyages to Pitcairn Island that would permit from two to three weeks ashore. Meralda had assured me that a bed and housing would be no problem, and Betty told me that if the Warren's were "full-up" with visitors, a bed would be available at her home. I began the application process for a permit to land with Commissioner Salt still not knowing how I'd get there. Only one charter company responded, and the P&O Blue Star Line representative in the U.S. painted a less than optimistic view of a passenger 76 years old on their ships. It seemed the charter from Mangareva to Pitcairn was the way to go. Barbara had already made it very clear that a small boat on a big ocean would be an impossible situation for her. Our son Christopher indicated he would like to accompany his Dad if he could clear the time off with his employer and his family. Almost simultaneously, some events happened that would have a major impact on the proposed visit.

Earth tremors felt on Pitcairn had drawn the interest of the U.S. Geological Survey. About 1997 the USGS placed a seismograph station atop Ship Landing Point. Information from the seismograph in tape form was periodically mailed for analysis to a USGS facility in New Mexico, USA. On November 15th, 2001 there was a real shaker measuring 4.1 on the Richter scale and lasting 35 seconds. USGS realized that this was indeed significant and that the delay in getting tapes by mail was much too long for the information to be useful. During January and February 2002, the USGS installed a small satellite facility at Ship Landing Point. This terminated at Hawaii. Bill Haigh, ZLIBUQ of New Zealand, the Pitcairn Administration's technical advisor, was involved in this work and noted that there was spare capacity on the satellite circuit sufficient to provide Internet and e-mail service to the Islanders! Leon Salt and Bill succeeded in arranging for use of the spare capacity. [This in itself was an amazing feat considering the bureaucracies of two governments!] Bill then installed a 2 GHz radio link connecting Ship Landing

Point to the school and to the MARISAT building near the old Police Office. In mid-March Pitcairn had e-mail and Internet capability. But to use the service, one had to go to the MARISAT building or to the school. A need existed to extend the coverage to the Island Government office at the Square, the Health Center and perhaps even to residents' homes.

There is a problem with 2 GHz radio signals penetrating dense foliage. The water content of vegetation stops the signal cold. There is no clear shot from the Square, the Health Center or most residences to the Ship Landing Point site. Trimming or clearing the growth is impractical and out of the question.

My son Christopher has been involved in computer systems design and implementation over the last 20 years. He would know how to solve the problem. Not only that, but unexpectedly, the company he worked for had "downsized" and he was now unemployed. Chris and I saw this as an opportunity to turn a purely social visit into one with a real purpose. Chris, Bill Haigh and Leon Salt discussed the matter at length. Tom Christian and Mike (Cookie) Warren were brought into the discussions. Chris and Bill spoke the same language ("computerese") and had complete understanding and agreement of the work that needed to be done and how to proceed. Leon gave his blessing, and we were off and running!

Chris gathered hardware, from industry sources and e-Bay purchases. It was now February and the boat that we chartered for the Mangareva to Pitcairn portion of our trip was then at a California port. Chris, who lives in Pleasanton, California, put reels of heavy cable and other items aboard BOLD SPIRIT, and a 14.6 m (48 ft.) Canadian registered trimaran. Items not then in hand we later shipped to Houston, Texas to be taken to Pitcairn by the Blue Star container ships on their Houston to Auckland voyages. I am a type 1 diabetic, with certain food requirements and further; we did not want to deplete the Islanders food supplies so 34 kilos (75 lbs) of canned food was shipped. Also shipped were work clothes and some specialized tools.

During March and April BOLD SPIRIT traveled down the West Coast to Baja California, Mexico, then made a 30-day crossing of the Pacific to Mangareva.

On April 21st I flew from my home, near Phoenix, Arizona to Los Angeles. There I met Chris who had flown in from San Francisco. Together, that evening we were on the Air New Zealand flight to Papeete, Tahiti. A day and a half later we took the one-day-a-week Air Tahiti flight to Mangareva, 1600 km (1000 miles) east of Papeete. The five suitcases containing items too late for shipping had made it on Air New Zealand without excess charges, but not so on Air Tahiti. We had to pay freight charges for three of them, and it was only by Chris's skill in negotiating in the French language that they were put on the same plane. Otherwise, they would have gone out one week later. The landing field at Mangareva is on a sandbar about 8 km (5 miles) from the main island. A small ferry then completes the trip. At the Mangareva Quay was BOLD SPIRIT, waiting for us! We boarded and left port immediately.

The next six days were the roughest travel I have ever experienced. Seas varied from 1.2 to 2.5m (4 to 8 ft) during the entire time. Weather was generally very good, only one or two brief rain squalls during the 6 days. There were just four of us,

the Captain, a first mate, Chris and I. Chris jumped right in with 4-hour night watches at the helm and as chief cook. It was all I could do to stay alive, and I'll make no apologies for not taking turns at the helm. I had bruises on all of my limbs, the soles of my feet and a nasty gash on my right forearm not quite covered by a 4 x 4 gauze pad. I am firmly convinced that a small trimaran has no place on the high seas.

It was with a sigh of relief when Pitcairn came into view. Then the launch came alongside, followed by MOSS, the big longboat. There was Meralda in her yellow slicker, also Charles and Barbara Christian who we found were to go back to Mangareva aboard BOLD SPIRIT. We made the transfer from the trimaran directly to MOSS without using the launch. It was now Monday, April 29.

Meralda took us to her home. Mavis and Jacob greeted us warmly and we met Walter Brown, Mavis's brother who was visiting from New Zealand. A shower and a fine meal prepared by Mavis was just what Chris and I needed. The evening was spent unpacking material, then a good night's sleep in beds not pitching and rolling!

A meeting was convened the following morning with Jay Warren, Betty Christian, Mike (Cookie) Warren, Meralda, Chris and me. Chris explained the options available, what the equipment we had was capable of, and various requirements. Jay, Betty, Mike and Meralda outlined the needs of the Islanders. A systems concept was quickly developed which all agreed would fulfill most needs and could be done with what we had. The backbone would be a wired network running on existing power poles under the vegetation from the area of the Co-op store to Terry and Villa's home, then up the hill to the home of Mavis, Jacob and Meralda. There would be a side leg down to the Health Center. Small electronic packages mounted on poles along the way would re-radiate the 2 GHz signal under the canopy so that for most users it would be a wireless connection. Just a small card plugged into each laptop computer would make the connection. In a few cases a small antenna placed in a window might be required. There are two locations that cannot be served by this configuration, Tom and Betty Christian's residence and the hostel.

Chris got busy right away measuring signal levels around Adamstown. It was quickly verified that the dense vegetation precluded direct pickup from Ship Landing Point at most user locations.

The next step was placing wire on poles. Since the computer wire is not self supporting, we had to locate a quantity of support wire. Now helping us were electricians Terry Young and Vaine Peu, and Randy Christian. At the dump some discarded telephone wire was found which was just right.

Chris gave me the job of lashing the computer wire to the supporting wire with a tie every 2 m (6 ft.). Then Chris, Terry and Vaine attached the wire to existing electric power poles. When splices were required, that was my job also.

I mounted small Yagi antennas in plastic electrical service boxes for pole mounting with brackets made by Vaine. Randy made support masts that were needed near the Square and at the Health Center. Chris and Cookie had work to do at Ship Landing Point; much of this was done during late night hours. Chris also found time to make repairs and do upgrades to most of the Island's computers. Vaine installed a large power inverter at Meralda's house to provide the 117 volts, 60-Hertz power required around the clock by the U.S. made equipment. Island power is 240 volts, 50 Hertz and is only available for 9 hours a day.

The inverter runs off of a large storage battery that is charged by Island power.

Some electronic units were placed in temporary plastic bags for rain protection while tests were made to verify system performance. Some changes had to be made, and since nothing was "cast in stone" at this point, the changes were easy to do. Meralda, Cookie and perhaps others did the final packaging into weather-proof electrical service box housings after we left the Island. There was an unfortunate failure of the satellite system that interrupted the e-mail and Internet service and the seismograph reporting circuit. This was eventually repaired and everything is working well. Since returning home I have exchanged e-mail with Meralda or Betty almost every day.

To serve Tom and Betty's residence and the hostel, extension of the network using fiber optic cable is the most practical approach. At this time, the necessary resources are not available.

A pleasant respite came on May 8th when the Pitcairn Island Amateur Radio Club held a picnic at the Radio Station. All Islanders and visitors were welcome. A memorial bench was dedicated in memory of the late Jim Russell, G30KQ / VR6JR, an Island benefactor. All kinds of delicious food were in abundance. Islanders work hard, very hard indeed, but also eat very well!

Enough cannot be said for the gracious hospitality of the Warren family. Mavis' meals were superb, her bread and breadsticks fresh everyday, and she washed our muddy clothes about every day. She got after me to insure my blood sugar readings were within range, and I was eating what I should. After awhile I was calling her "Mother", and answering her queries "Yes, Mother, dear". Barbara would surely approve!

Church on Saturday was a new experience for two Sunday-oriented Presbyterians. John O'Malley preaches a good sermon. John said he may visit the U.S. in the near future and I asked him if he would preach at our church in Arizona. John said he would, and we would be delighted to have him do so. As an incentive, we will show John and Sue the Grand Canyon and try to be as good hosts as our Pitcairn friends. (A really big order!)

On Thursday, May 16th BOLD SPIRIT returned for us. It was with mixed emotions that Chris and I departed Pitcairn after 18 grand days, sad that we must leave dear friends, yet looking forward to returning to our families. Chris and I were overwhelmed when as we departed, fully half of the Island's residents came to the boat landing to see us off. There is great satisfaction in having played a part in bringing state of the art communication to the people of Pitcairn Island. We are thankful for the opportunity.

God bless you all.

Most sincerely,

Kenneth D. Hopper KD7KH / VP6KH

SUPPLEMENTAL PAGE - For Radio Amateurs

The trimaran BOLD SPIRIT had no long-distance communication equipment, neither HF SSB marine or amateur, nor MARISAT satellite. By setting up my Ten-Tec Jupiter on the boat, we could provide nightly position and status reports by 20m SSB to the Pacific Maritime net. Often the net control station was N7AAC, Clark Lowry in Mesa, Arizona just 40 miles away from my home! It was very reassuring to know that someone knew where we were and in the event we failed to report, could alert search and rescue. During the six days from Mangareva

Cont. on page 55

Silent Keys

With sadness we record the passing of these members

NAME	CALL	MEMNUM	L SK	CITY	ST/PR
CASE, DON B	KA0ABM	14064	* 2003	ARVADA	CO
FINDLAY, HOWARD L	K0BYC	12736	2003	LENEXA	KS
MC ALLISTER, M J	W0CW	04275	* 2003	LEAWOOD	KS
VICTOR, ALBERT C	K0HPP	19006	2002	MARION	IA
HANSON, STANLEY A	W0KTY	15364	2003	ARVADA	CO
PETERSON, EARL G	W0MOV	24088	2003	ELK RIVER	MN
GOLDSMITH, BART	W0NBA	17066	2002	DENVER	CO
HENSLEY, LOLA	K0RXX	17226	* 2003	CONIFER	CO
LAWLER, EDWARD M	W0THA	10354	2003	VALLEY	NE
LYFORD, THORNTON	W0QIK	11761	2003	HARRIS	MN
ALBERT, VIRGINIA	N0YS	31114	2003	ARNOLD	MO
WEINER, ANTHONY J	W0ZO	12004	2003	FRANKLIN	NC
GOMOLAK, GERALD JOSEPH	KC1BL	24478	2002	PEORIA	AZ
OSMERS, HERBERT	DL1KL	12353	* 2003	GERMANY	
SCHMID, FRANZ	DJ1QZ	12289	2003	GERMANY	
LOMBARDO, PAUL P	W1VMY	17272	2003	WETHERSFIELD	CT
AMARAL, JOHN C	W1VRP	24129	2003	NIANTIC	CT
WIDMANN, LAWRENCE C	W2WRS	07974	* 2003	BALDWINVILLE	NY
NIES, EDWARD A SR	K3ABG	13776	* 2003	ERIE	PA
WERNER, WILLIAM F	W3FYK	22490	2003	BETHLEHEM	PA
STACEY, SIGMUND S	W3MMJ	13577	2003	ERIE	PA
STADIG, SIDNEY V	VE3OKZ	28757	2003	LINDSAY	ON
RINIKER, RAYMOND W	W3SWC	23053	2003	LEWES	DE
MAY, JACK J	W4AZO	27247	2003	MIAMI	FL
RANDLES, WESLEY C	W4COW	02440	* 2003	AMHERST	MA
STAMPS, EDWARD ROE	K4FUF	22754	2003	MACON	GA
VISON, L E	KA4IFI	15027	* 2002	TARPON SPRINGS	FL
SIMPSON, FRANK F	W4ISS	09298	2003	AUGUSTA	GA
ETHERIDGE, E	K4IX	05160	* 2003	NORFOLK	VA
HATTAWAY, MAURINE P	KJ4KG	21985	* 2003	MOUNT JULIET	TN
CRICHTON, MERTON W	W4PGT	11954	2003	WINTER PARK	FL
SAUNDERS, DOROTHY C	W4UF	03501	* 2002	VERO BEACH	FL
CHAUNCEY, D PEARCE	KD4YP	07794	2002	VERO BEACH	FL
PARKER, WILLIAM CARY	W5HVA	16994	2002	FLORENCE	MS
SWANN, ROBERT B	W5MYM	17795	2003	DALLAS	TX
BOARDMAN, F C	W5NL	05913	2003	LINCOLN	AR
BAKER, JAMES F	W5OHF	15517	2003	AUSTIN	TX
JEDNACZ, JOHN E	W5SXZ	07969	* 2003	BIXBY	OK
SPENCER, WALTER F	KC5ZZ	25279	* 2003	BAKER	LA
SIMPSON, ALLAN ALEXANDER	VA6AS	31957	* 2003	CALGARY	AB
CARLSON, REGINALD M	W6FQO	09186	* 2003	LEMON GROVE	CA
SCHENCK, ELLIS	WB6RFR	25582	2002	BELLFLOWER	CA
BARNES, LOUIS T	WA6TFR	07777	2003	PASADENA	CA
BALCH, RAYMOND D	K6VX	26369	2003	MACDOEL	CA
PHARES, RICHARD L	KB7QB	23646	2003	SALEM	OR
HIX, ALBERT H	W8AH	02647	2003	CHARLESTON	WV
SPAULDING, ARIEL H	W8BGI	07733	2003	ST PETERSBURG	FL
CORNELL, PAUL M	W8EFW	03315	2003	LYNDHURST	OH
SCHWAB, FRANK J	W8OK	07287	* 2003	DAYTON	OH
NORMAN, JAMES K	W8RYW	19671	* 2003	WEST LAFAYETTE	OH
SANSAL, VIRGIL L	K9ACQ	14130	2002	MADISON	WI
VON HAGEN, ERICH	DL9JR	21233	* 2003	GERMANY	
GOERING, RALPH W	W9KQ	08206	* 2003	CHAMPAIGN	IL
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Pitcairn - cont. from page 53

to Pitcairn, we were KD7KH/MM Region 3. I had prepared a wire antenna that we hauled aloft on an unused signal pennant line. It consisted of a 10m (33 ft) section placed almost vertical and a 4.9m (16 ft) section which was nominally about 45 degrees from vertical. They were joined at the bottom and went to the center conductor of an RG-58/u coax. The shield went to a 6m (20 ft.) piece of heavy copy braid dragging in the ocean. An antenna tuner resonated the system at less than 1.5:1 VSWR on 15, 20, and 40m. We used 40m for contact with Pitcairn while en route.

While at sea and later on Pitcairn Island, where we operated as VP6KH, we had regular schedules with W6GPM at Dublin, California, just a few miles from Chris's home. W6GPM, Jim McWhorter, handled messages to our families and to the boat charter agent. It meant a lot to our wives and families to know we were O.K. and for us to know things were all right with them. As it turned out, our return voyage was delayed a week and reservation changes had to be made on four airlines and at a hotel. Jim got up pretty early for those schedules and we appreciate it. I also checked in with 15m and 20m Bell Labs retiree nets when work schedules permitted.

Work (and sleep) permitting; VP6KH did occasionally ragchew and give contacts to eager DX chasers all over the world. I have ordered 250 QSL's and have a ton of mail waiting for them. An unexpected and delightful side benefit of all of this is that Chris has decided that he wants to be a ham! First thing home, I ordered all of the ARRL study guides, the Handbook, an Antenna manual and code practice tapes for him. I really look forward to our first QSO!

The operating position on Pitcairn was the shack of VP6MW, Meralda Warren. This included the use of her cubical quads and 12v storage battery. The Ten-Tec Jupiter remained there, a gift to Meralda. Her 15-year-old transceiver came back with us. Chris is going to try and sell it for her on eBay.

The return trip on BOLD SPIRIT was sans an HF radio. The night before leaving Pitcairn I checked in with the Pacific Maritime Net and gave our itinerary and the fact we would be out of communication for a few days. The return trip was only four days (still very punishing!) and as we entered Mangareva, net members there reported our safe arrival. Thanks, guys!

Ken, KD7KH/VP6KH

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